

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Jerry Parker <jparker@fix.net>
Subject: [19303] 38 Special Tee Shirts Available
Message-ID: <2.2.32.19970508204223.00ae0e6c@fix.net>

I am making the 38 Special Tee Shirts available.

These are high quality White Tee-Shirts Printed on the back with
the 38 Special Logo and on the front with the 38 Special Schematic
as seen in QRPP.

Here is the deal:

Send check for \$15.50 in U.S. funds with desired size, XL, X, Med, S to:

Jerry Parker
426 Tanglewood Ct.
Paso Robles, Ca., 93446

For those who want to know. The cost of each shirt printed on both sides is
 $\$11.50 + \$0.84 \text{ tax} + \$3.00 \text{ Shipping} = \15.34 .

As you can see this is not a real money making venture! Any funds left over
will be

sent to NorCal for the R & D fund.

I have not looked into foreign shipping. If you are from outside the US and
desire a shirt, email me and we will work something out.

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: MSU1972@aol.com
Subject: [19293] 38s kit building help
Message-ID: <970508144359_1041027715@emout05.mail.aol.com>

Showing my ignorance...the manual for the 5 watt mod says to mount the irf510
transistor, but doesn't say where....
looked on board printout and can't find any reference to irf510...at this

rate I'll have the 38s mounted in a case by Christmas!!!!
Thanks for all your help,
David (Obviously a new kit builder)

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [19236] 3B8CF on *NOW*!!
Message-ID: <970508033659_70511.3041_IHD49-1@CompuServe.COM>

Gang:

Just worked 3B8CF on 10.108.4 just now (0159Z). He was rollonh into Rochester, MNN, at 579+ and calling CQ over and over. The exchange was slow, but his speed is +/- 25wpm.

Gear here = Sierra at 2 watts out into TNT/2 Windom at 29 feet pointing east-west. Tuner MFJ 949E.

Go get him, everyone!!!

72/73,
--Doc/K0EVZ qrp-1 861

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: talljazz@teleport.com (Dan Presley)
Subject: [19283] 50/40/30 May 8 (local) Or
Message-ID: <v0153050aaf97b8cf21e7@[206.163.123.253]>

OK guys-my turn in the 'barrel'. I will be on at 0000z May 9 (local May 8-Thursday)-0200 10.116 +/-, and 0200-0400 7045. I may be off for about 20 Min for family stuff around 0130. Keep me Busy!
Dan N7CQR Oregon

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [19223] A Pleasant 160 Meter Surprise!
Message-ID: <19970507.195019.7791.6.wb2vuo@juno.com>

I got this rather large envelope from Newington today, a real headscratcher as I hadn't sent for anything recently.

Upon opening it, it says:

"This Certifies That Station WB2VUO Has Achieved FIRST PLACE, SINGLE OPERATOR, QRP WESTERN NEW YORK SECTION In The 1996 ARRL 160-METER CONTEST"

WOW! I entered on a whim, and thought that my log was so small as to be beneath notice.

SEND IN THOSE LOGS!!! You MAY be pleasantly surprised, too!!

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [19247] attn: Marshall Emm
Message-ID: <199705080554.BAA04725@smtp4.erols.com>

Marshall,

Please email me asap. I have some very interesting news.
My direct mail is bouncing.

72, Scott
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030
49er 38 special at 300mw
visit my web page at <http://www.erols.com/ke3nv/>

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: K3TE <QRP@Earthlink.net>
Subject: [19221] Comparison: OHR100 vs Tkit QRP Rig

Message-ID: <3370FCA5.3BBC@Earthlink.net>

I'm getting the "itch" to build again. If you had the choice, which kit would you prefer - considering both assembly ease and performance - the OHR 100 or the TenTec Tkit - for 40 meters. Anyone have experience with both?

Thanks

--

Bob Schnick K3TE
Ten Tec Omni V, Argo556, Argonaut 509
Ten Tec- the world's finest HF Tranceivers.

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Bob Finch <bfinch@vet.purdue.edu>
Subject: [19299] Dayton Room Availability
Message-ID: <199705082008.PAA29917@vet.vet.purdue.edu>

Please contact me if you are looking for room availabi;lity
at the world famous qrp hotel;
the dayton days inn south
i have a room
baab finch
w9ya@amsat.org

p.s. this is a non=smoking room

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: PDouglas12@aol.com
Subject: [19227] DAYTON: Penultimate badge list
Message-ID: <970507212230_-63870872@emout15.mail.aol.com>

Gang,

I will repost the badge list once more on Friday night and start printing on Saturday morning! There are over 170 of us now coming to Dayton according to this badge list.

Preston WJ2V

ADAMS CHUCK K5FO FDIM SPEAKER

ALBERT TED KF8EE
ANTCZAK ERNIE NC8N
ARNETT STAN AC8W
BACHMANN RICHARD N3SLR
BEEDLOW PETER NN9K
BENSON DAVE NN1G FDIM SPEAKER SMALL WONDER LABS

BERTUZZO SERGE VA3SB
BLANCHARD DENNIS K1YPP JADE PRODUCTS, INC.

BLANCHARD JANE KA1FUN JADE PRODUCTS, INC

BORNSTEIN STEVE K8IDN
BOWMAN BOB AA5VS
BRAUN SCOTT KB2GWF EMBEDDED RESEARCH

BROWN DAVE K8AX
BRUNER BOB WB4TAJ/4
BURDICK WAYNE N6KR WILDERNESS RADIO

BUTLER RALPH K6ZAN
BUTLER RAY WA4KEJ
CARR MIKE WA1QAA
CARTWRIGHT CHRIS N3XRV
CARTWRIGHT DON N2NNF EMBEDDED RESEARCH

CARVER BILL W7AAZ FDIM SPEAKER
CATES JIM WA6GER NORCAL 38 SPECIAL

CAVCEY KEN W0YOR
COHEN STEVE N3OIE
COPELAND DAN KF0OV
CORBIN LOWELL W8IQB
CORBIN ROBIN NI9R
CUMMING JOHN VE3JC
CZUHAJEWSKI MIKE WA8MCQ
DIANA GARY N2JGU EMBEDDED RESEARCH

DOBBS REV GEORGE G3RJV FDIM SPEAKER

DOLSON BILL K8DDV
DOLSON JIM WB8ZBD
DOUGLAS PRESTON WJ2V FDIM VENDOR CHAIR FDIM SPEAKER

DOYLE DON AC5II
DOYLE ROBERT
DOYLE RON N8VAR
DURBIN KEN K8CQO

DYER BOB KD6VIO WILDERNESS RADIO
EILERS MICHAEL AC4XS
EMM MARSHALL AA0XI MILESTONE TECHNOLOGIES

EVANS JOHN N3Q00
EVANS KEN W4DU
EVANS PATTY N3TOK
EVERHART JOE N2CX FDIS SPEAKER
FIELDS TOM WB9VTY
FIFIELD DAVE AD6AY
FINCH BOB W9YA
FIRLIK DON K8AQZ
FIRTH GRAHAM G3MFJ
FISHMAN CLARK WA2UNN
FISHPOOL TONY G4WIF
FITTON JIM W1FMR
FOLLETT BOB AB7ST FDIS REGISTRATION CHAIR

FOOTE JOHN KR4GL
FRISZ TOM N9DD
GAFFNEY BERNARD N8PVZ
GINGELL DANNY K3TKS
GOBRICK BOB N0EB FDIS SPEAKER FDIS PUBLICITY CHAIR

GOEMANS PAUL WA9PWP
GRAHAM KEN K5ID
GREER DEBBIE
GREER JEFFREY WD4ET
HARPER REX N1SYZ
HARTLEY CHARLES KM3V
HAZELGREN DARRYL AF70
HENDRICKS DOUG KI6DS NORCAL 38 SPECIAL

HENSHAW JERRY KR5L
HERON GEORGE N2APB FDIS SPEAKER

HIDEG STEVE N8HSC INTERNET PHOTOGRAPHER

HIMES MARTY WB8FNH
HINTZ GUS W2ZHA
HOLLER DAVID N1RGN
HYNDE TIM KA8DDZ
JACKSON D.O. N3LAZ
JIVOIN GREGORY WD8JTN
JOHNEY GARY N3BYN
JOHNSON HAROLD W4ZCB
JOHNSON LEE KE0MC
JOHNSTON RAY WA2YGY

JONES ALLEN W9DZ
JUCH FRED N5JXO
KARTY STEVEN N5SK
KELLNER RICH W5RXP
KELLOGG BOB AE4IC
KELLOGG ELLEN A1XYL
KELSEY BILL N8ET KANGA US
KOHL HANK K8DD
KORTGE JIM K8IQY
KORTGE KATHY KB8IMP
KOST GIL W3MKE AM RADIO QRP KEY MFG CO

LEWALLEN ROY W7EL
LIFLAND TOM W2RFU
LUDINSKY CHUCK K1CL
LYNCH MARTIN KA1LXG
MANUEL ED N5EM PARTS/GELL CELLS
MASSENA FRED KG8OK
MATHESON HUGH K0QD
MEIER PETE WK8S FDIM/ARCI BANQUET CHAIR

MENDEZ JORGE KC8GUB
MIDKIFF MONTE N7TAU
MIKUCKIS JOE K3CHP
MITCHELL BRAD WB8YGG EMBEDDED RESEARCH

MITCHELL MITCH W4OA
MOIZEAU CHARLES W2SH
MORIARITY JOHN K6QQ
MOYLE AL N3KFL
MUSCOLINO BRUCE W6TOY/3 FDIM TECH CONFERENCE CHAIR
FDIM SPEAKER
OWEN JAMES K4CGY
PARFITT DALE W4OP
PASCOE DICK G0BPS KANGA PRODUCTS

PASSIONE VINCE WA2ECP
PERRY DIKKIE XYL
PERRY MIKE PA3ASC FDIM SPEAKER
PIETSCHMAN WILLIAM KB8QPE
POLING PAUL N8CKG
POWERS DAVID KB8RVS
PUCKETT DAN WD8AAU
QUICK PAULETTE WB9VHF
QUICK PAULETTE WB9VHF
REA AL W8LRM
REED JACK WA7LNW
REED JOE N9JR

REED WAYNE K9NE
REES CHRIS G3TUX QRP COMPONENT CO

REID GLEN K5HGB
ROBBINS BILL WA8CDU
ROBBINS MATT N8UGD
ROBERTS KEN VE3BGW
ROSENFELD SCOTT NF3I
SCHELL RON KG9AX
SCHILL BOB N9ZZ
SCOTT JAMES W9KV
SHEARER SAM WB5ZJN
SHILHANEK TERENCE W0PFR
SIMON ED K04CO
SJOLIN DAVE N0IT
SKALSKI JIM N2GO
SMITH WAYNE K8FF
SPECHT PHILIP K4PQC
STAFFORD JIM W4QO
STARK RON KU7Y QRP QUARTERLY EDITOR

STEWART DOUG N2BEG EMBEDDED RESEARCH

STEYAERT ROGER K7RXV
STICHWEH DAVID N8GKQ
STRAIN JOHN W9MIU
SWITZER BUCK N8CQA
SZAKONYI DICK KA3ZOW S & S ENGINEERING

SZAKONYI KATHY N3SAD S & S ENGINEERING

TANKERSLEY JOHN WD9EFN
TANTON ED N4XY
TENDAM PAT WS8T BUCKEYE ELECTRONICS

TENDAM RONDA KB8ETT BUCKEYE ELECTRONICS

TERRIBILE DENNIS WR4I
TODD RON K4WZ
TOUTH LEN W8VQ
TRACY DAN KC9RH
TRIER STEPHEN KG8IH
UTLEY DENNIS AF7Y
WEINSTEIN HOWARD K3HW
WHITEHEAD ELLIS AA8SR
WIDMAYER GARY N8AYY
WINDISH WALD KB2JE
WINKLER DAN N7IVR

WOHLSCHLAG DICK WA9FLX
WOHLSCHLAG MARGE XYL
WRIGHT VERN W6MMA SLV COILS & SD-20 POLES

YOUNCE JIM K4ZM
YOUNG LEONARD KS4RN
YOUNG NILS WB8IJN
YOUNG PAUL KC2AHB
YOUNG TERRY K4KJP

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: PDouglas12@aol.com
Subject: [19226] DAYTON: Vendors list
Message-ID: <970507212231_154275560@emout18.mail.aol.com>

Gang,

I am pleased to report that almost all of the heavy dudes in the QRP field are coming. We have acceptances from 16 vendors for FDIM Vendor Evening following the banquet on Friday May 16th at 9:30pm. Here is the updated list of vendors, with latest additions starred:

*American Radio Key Mfg Co
*Buckeye Electronics
*Ed Manuel
Embedded Research
Emtech
(Hideg Internet Photography)
Jade Products Inc.
Joe Everhart
Kanga Products (UK)
Kanga US
*Milestone Technologies Inc.
Norcal
Qrp Component Co. (UK)
S & S Engineering
Small Wonder Labs
W6MMA Antennas
Wilderness Radio

Thanks to all these fine companies and we'll see you there.

72,
Preston WJ2V
FDIM Vendor Chair

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [19262] DX List
Message-ID: <199705081522.JAA22531@ns-1.csn.net>

Did Lyndon, VE7TCP, ever get his list back up? If so where is it or other DX lists?

72, Bob KI0G

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: AlexQRP@aol.com
Subject: [19238] DX(?) on 30 meters
Message-ID: <970508000932_-963675216@emout01.mail.aol.com>

Well I just excited beyond my own wits!! Was tuning around on 30 tonite and heard a nice sig calling CQ over and over and signing 3B8CF. Called him with the delta loop, all 260 feet of it, and nothing. Switched over to the Butternut at 30ft with elevated radials and called, he came right back , gave me a 559 , I gave him a 5 6 9.I said not bad for 3W to the vert. Now I'm sitting here getting pessimistic about the reality of this contact. By the way the time was 0333Z and the freq was 10.107.7. Should I still be excited, if so I'll go and change my shorts!!!!

Alex, WA5UNY, Dallas qrp-1 334

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Kenneth W. Evans" <w4du@bellsouth.net>
Subject: [19232] FDIM
Message-ID: <33713CFB.C26@bellsouth.net>

I want to take this opportunity to thank, in advance, everyone that has worked on this year's FDIM event. I attended last year and thoroughly enjoyed it. After looking at the speakers and subject matter for this year, I am sure FDIM '97 will surpass last year's stellar performance.

I don't know how they put this day together for \$30.00. Included is a QRP book, food & drink, plus handouts from some of the speakers. I work in the cellular communications industry and have attended "professional" one day seminars that fetch \$400.00 to \$500.00 for the day. The FDIM is easily on a par with them and at less than one tenth the price.

Last year's event was a sell out, however they have moved to a bigger room this year (I think the last count was over one hundred attendees). So, if you are going to be in Dayton on Thursday, May 15, and there are still seats available, I encourage you to attend.

Again, my thanks to all who have put their efforts into this great QRP seminar.

72/3

Ken Evans w4du@bellsouth.net
W4DU

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [19272] FLYING OHMS-- LOOK OUT!
Message-ID: <199705081616.KAA19110@lynx.csn.net>

This is from the lead story in the Science section of the Rocky Mountain News 5/8/97 (p 69A). I'm quoting the headings and first two paragraphs verbatim.

Head: Anti-static industry exploding

Subhead: Companies developing products to control electrical discharges that can fry equipment

By Martha Mendoza
Associated Press

Albuquerque-- Electronics industry analysts say static now causes \$6 billion in damage each year.

"As we're standing and talking right here, little ohms are jumping out of our bodies, just little critters going everywhere," said salesman James Bennet of Golden, his fingers flinging invisible zaps into the air before him.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
<http://www.mtechnologies.com/mthome>

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Dana Michael <damichael@amp.com>
Subject: [19275] FOR SALE: OMNI-A, 405 AMP , 251 P.S., #234 SPEECH PROC, #214 MIC, IC-706
Message-ID: <199705081637.MAA157278@nss2.CC.Lehigh.EDU>

FOR SALE:

Ten-TEC OMNI-A includes Astatic hand mic and original manual. Very good condition. \$295

Ten-TEC #405 AMP and #251 Power Supply. With original manuals. Good condition some scuffs and scratches. \$195

Ten-TEC #234 Speech Processor and #214 Electret Mic. With original manuals. Good condition, some chips and scratches. \$100

ICOM IC-706 very good condition with manual. \$990

BC-560XLT Bearcat 16 channel scanner. With wall cube P.S. and manual. Very good condition. \$100

Interested?

Call 1-717-810-2891 from 6:30 AM till 3:30 PM EDT or 1-717-896-3973 from 4:00PM till 10:00PM EDT or e-mail.

Thanks es 73, D. A. MIKE Michael W3TS

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: fmathews@norfolk.infi.net (Frank Matthews)
Subject: [19222] Frequency Relationship Replies
Message-ID: <v01530500af968428f862@[208.131.170.161]>

Dear Fellow QRPer's,

Once again this group pulls together and helps another qwerp! Many of you made some good points and made the concept of frequency Tx and Rx relationships with respect to CW much easier to understand...and for that I

thank you. The interesting thing that I discovered from your comments is that not all radio's accomplish the same thing in the same manner.

A special thanks to Glenn (AE0G) for getting me straight. Glenn also helped to set a few others straight that replied! I want to especially thank Dick Witzke (KE8KL) of Oak Hills Research for taking the time and discussing this topic on the phone with me today. His explanation was very clear and consise (being a teacher I can appreciate this) as well as informative. Thanks again Dick.

Ed (WE6W) also has an OHR100 and replied to my question...thanks ED! My radio operates just as yours does...so that increased my enthusiasm! After all....two radios from the same "manufacturer" should be compatible!

This was a great exercise in "brain picking"! :-)

73, Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079
Grid Square FM16

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [19291] FS Scout 555 + 3 modules - REDUCED!
Message-ID: <Pine.SUN.3.91-FP.970508144420.16345A-100000@cap1.capaccess.org>

Scout 555, recently checked and alligned by TenTec, modules for 10m, 15m, 20m, official Tentec hand mike, tentec manual, non-smoker owner PLUS the MFJ iambic paddle PLUS hamsticks for 20m & 15m
Great at a full 50W and a full QRP 5W. Great for mobile or desk top, all for the ridicuously low price of \$550 shipped in lower 48.
And now take \$50 off and the first \$500 takes it.
(I hope this salesman talk works...)

Regards, N3FRT
Robert D. Haslach
Washington, DC
ARK 40, 49-er, 38s - full wave 40m horizontal loop
need only HI for WAS

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [19288] FS: Unbuilt NC38S kit and accessory pack
Message-ID: <33721216.6360@dancris.com>

I ordered a dozen NC38S kits for our local club, and still have one left. Unopened, I'll sell it for the same as NorCal: \$28.00 delivered via Priority Mail.

I also put some accessory packs together, consisting of different value chokes, all the off-board parts, etc., except for the case. This would go for \$14.00.

A deal: Both for \$40.00 shipped.

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [19244] Galbraith paddle interest poll
Message-ID: <3.0.1.32.19970508011000.009e6100@mail.atl.bellsouth.net>

Hi everyone... I contacted Steve Davis, president of the New Zealand group responsible for the Galbraith QRP paddles, and he tells me they do not have ALL that many-but if there is sufficient numbers, they would consider another batch. I have told him I would help with one of our group purchases-for whatever that means. So... what I need from the group is a count on who's interested. Personally, I doubt a significant price discount-they're already pretty inexpensive. So, if you're firmly interested in buying one, let me know, I'll count it up, and report to Steve. What say you???

72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663 G-QRP #6779 OK-QRP #172 QRP-L #758
AdvRC #140 NORCAL #1779 NCDXF SEDXC

Life Member: ARRL AMSAT INDEXA QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Carol N. Wright" <cnw@hiwaay.net>
Subject: [19224] HTX-202, we hve pwr!
Message-ID: <Pine.OSF.3.94.970507190132.27257H-100000@fly.HiWAAY.net>

Hey Gang,

I looked over the schematics and then looked through the service manual again. I couldn't figure out why the SRFH1900 was getting hot or had voltage on the collector pin of the SRFH1900 when there was power connected to the HTX-202 but the power switch wasn't on.

I couldn't figure it out so I just went for it. I installed my new SRFH1900, wow, there's power. Ye have power, Ye have signal! Yipeeee! So now after my "happy dance", I hook up an antenna and test it out. Yep, I can hit repeaters 45 and 60 miles away on low power. Sounds good to me. So, maybe it was the faulty SRFH1900 causing the rig to draw current, don't know? The transistor doesn't get hot when it is on receive now. Sounds like a fix to me. Thanks, this is a great list. Ye greatest list! Best 72/73 DE Matt, AE4JM
HTX-202, 5 watts out maximum, SEE THIS IS QRP! Hee Hee!

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [19281] HW-8 info
Message-ID: <Pine.SUN.3.91.970508110226.15915A-100000@kitsune.swcp.com>

Thanks to all that responded to my request for HW-8 info. I will try to get a copy of the HW-8 handbook. 72, Tom WB5QYT

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: jim <kw3u@warwick.net>
Subject: [19256] MFJ 9040 xcvr FS

Message-ID: <3371E21A.454@warwick.net>

For Sale:

MFJ-9040 40 meter qrp rig. In mint condition,
with manual, original box, packing, works great.
would like to get \$130 shipped.

Tnx 73 Jim

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Chandler Russell H <rhchan@facstaff.wm.edu>
Subject: [19310] Micronaut Info
Message-ID: <199705082256.SAA17416@facstaff.wm.edu>

I have been unsuccessful in my attempts to locate
either e-mail or a webpage for Dave Ingram/K4TWJ.
I would like to order a Micronaut but need the ordering
info to do so. Any Ideas?

Tnxs
Russ

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "JakeCart" <JakeCart@ix.netcom.com>
Subject: [19248] missed Doc, got OK1HEH
Message-ID: <199705081039.FAA20685@dfw-ix14.ix.netcom.com>

Well, I listened for Doc on 30m last night. Yeah, I know, I had the wrong
night. :>)
But as I was listened through the noise for Doc I heard a ?K1???. So I
send de N4UY a couple times. K01HEH came back giving me a 559 -- nice guy.

If I'm reading my DXCC chart correctly, OK is the Czech Republic -- not bad
for <5 watts and a 30m wire dipole!! Now if I can just get a QSL card.

Sorry I missed Doc, happy I got the Czech Rep. Gives me one WIMPS country
-- unless Canada is considered DXCC. Does Canada count?? It was Nova
Scotia.

73,

Jake [N4UY]
QRP-L #821, G-QRP #9557, AK/QRP #175
WAS W/C 47/42 need HI, DE and NJ (NJ??)
WAS QRP W/C 31/27
WIMPS: Qs=008 30m=8 17m=0 12m=0
States=5 DXCC=2?

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Brad Mugleston <bmug@gw1.com>
Subject: [19301] mobile antennas and Autek
Message-ID: <01BC5BBB.6F139EA0@pps-pc10.gw1.com>

Gang,

I was able to borrow a Hustler setup for 40M. Got it tuned up so, per my Autek, has a SWR of less than 1:2 over the whole cw novice section of 40M.

I tried to tune it per the Autek instructions but again got confused so I did a hit and miss using the SWR as the gauge. - Checked the SWR and Freq. Made it longer or shorter as needed Checked the SWR and Freq again - if I'd gone to far split the difference - worked OK but it would have been nicer to be able to calculate the change as per the instructions.

Also Autek suggests using the EXTREME Z in place of SWR. After fooling with it I believe the Extreme Z is the largest Z reading within the desired frequency range - I could find much higher Z's but out of the band and it didn't work to tune it that way.

Should the desired Z be 50 to give a 1:1 SWR?

Are there any Autek users that would like to exchange user notes with me the next time I get to play with antennas?

Does Autek have an EMAIL address and will they answer questions - I would sure like to get more than 160 degrees rotation of the tuning knob to play in, it really is hard to zero in on a frequency.

Thanks

de KB0ROL, Brad

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997

From: MSU1972@aol.com
Subject: [19225] more help from 38s friends
Message-ID: <970507201545_-2068712283@emout14.mail.aol.com>

I'm confused...I got the mike 5 watt mod which is recommended and noted there are only 3 steps to the mod...is that all I do...or do I complete the 3 steps after doing the stock 5 watt mod? If I only do the 3 steps...all the Radio Shack parts including transistor change can be returned....correct?

Help...I'd like to get started...

Also how important is it to get two peaks if the receive seems to be operating fine?

Tnx again everyone....David, KB80CC

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [19287] NC38S Freq Coverage Question
Message-ID: <337217DC.7D88@uts.cc.utexas.edu>

QRPer's

My NC38s may have had the longest gestation period of all, but I finally hooked up the power to it last night andNO SMOKE. Whew! Everything seemed to work the first time out. The receiver pulled in good signals, the TiCK keyer worked and the transmitter was keeping up the wattmeter to about 5 watts.

Even though I get only 1 peak on TC1 I get plenty of audio. In fact, I had to turn back the RF gain on several signals as the headphones were just too loud... This morning, I only had a 4 foot piece of wire hooked up as the antenna and I copied JH7JVJ (name is Seo) and several of the US hams he was working. Sensitivity seems pretty good and it's hard to imagine improving it if I take a couple turns off the coil, but tonight I'm going to try it and see what happens.

But, here's my question. I did NOT do the RIT mod and inserted a 6.8 uh choke for L1. My transmitter frequency coverage goes from 10.093 to 10.129. I checked it with a frequency counter with the transmitter hooked to a dummy load. Anyone else getting a spread that large? I assume if I change the rf choke back to 5.8 or 4.7 uh that my frequency range will drop some. I'd like to keep the spread but move the range between 10.1 and 10.136. Would lowering the value of L1 and putting a series variable capacitor ala the mod in the latest QRPP work? Keep the 6.8 uh and add the series cap? I assume that I have a very hot crystal and a very hot diode that are working well together...lucky me :-) Any suggestions of how to keep the range, but just move it up would be appreciated. Thanks.

Incidentally, I substituted an IRF530 for the 5 watt mod and get out about 5 watts so it seems to work OK. I bought 4 or 5 of them several years ago and having been waiting to try them out.

I didn't have the key jack for the keyer wired this morning and I didn't have a 30 meter antenna available so it really made me sick to hear that JH7 calling CQ. He worked about a half dozen K8, K9 and K0's giving all of them 569 to 599's.

Another day or two and I'll be on 30 meters. Whoopee!!!!

Gary, KJ5VW

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: JEVERHART@cayman.vf.mmc.com
Subject: [19253] Need a ride from Dayton Airport
Message-ID: <970508084303.2068ade5@cayman.vf.mmc.com>

Group,

OK now it starts...

I will be arriving at Dayton Aripport on Weds May 14 at 3:07 pm - at least that's what the flight intinerary says. I need a ride out to the Motel 6 located on the same exit off I-75 as QRP Central, the Days Inn South.

Is there anybody else arriving at about the same time that will have a car and will give me a ride?

You can contact me at

jeverhart@cayman.vf.mmc.com

workdays or

n2cx@voicenet.com

evenings and weekends.

72/73,

Joe E., N2CX

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: emaaro@pacbell.net
Subject: [19278] New way to charge sealed lead-acid batteries
Message-ID: <3371E8C6.20B7@pacbell.net>

Hi all:
Thanks for your many inputs which gave me a lot to chew on.
I've answered many postings privately.
Unfortunately I don't have all the resources to pursue the matter any further.
Ain't this a great list?
72s, emaaro

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "Heron, George" <G.Heron@dialogic.com>
Subject: [19234] NJQRP offers new feature!
Message-ID:
<c=US%a=_%p=Dialogic%l=EXCHANGE1NJ-970508031224Z-68495@exchange1nj.dialogic.com>

A couple of recent messages here on QRP-L got me thinking ... Some people don't have access to WWW services, and hence are unable to view all the good information, project specs, ordering details, club meeting notes, etc that we all provide on our various web pages. WELL, there's more than one way to make this contact!

With the help of our super ISP provider and club member (Bob K2UT at Water Wheel Systems in NJ), I've been able to establish something called an EMBOT (as in E-Mail roBOT) to send specific text files upon request of an email sent to our NJQRP club server.

For starters, I converted into text files a bunch of our web pages concerning the Rainbow Tuner status, description, ordering info, specs, reviews and errata. (I will do LOTS more in the near future, including members, meeting notes, event descriptions, club project pages, and so on.)

So, upon request, these text files are returned (almost immediately!!) to the requesting email address as a text file within the body of the message. (This is great for text info, but diagrams will not come across well ... I'll work on this problem next.)

TO REQUEST:
Send an email to EMBOT@NJQRP.ORG and put LIST in the body of the message. Almost immediately you will receive a messge back listing all the files available to be retrieved.

Send another email to EMBOT@NJQRP and put SEND XX in the body of the message, where XX represents the filename you wish to retrieve. You can put multiple SEND XX requests within the same email and receive back multiple emails containing the requested information.

FILES AVAILABLE RIGHT NOW:

- rb_description.txt
- rb_errata.txt
- rb_ordering.txt
- rb_reviews.txt
- rb_specs.txt
- rb_status.txt

EXAMPLE:

Send an email to EMBOT@NJQRP and put the following into the body of the message:

- send rb_description.txt
- send rb_status.txt

Within moments you will receive back two emails containing the requested information. (In this case the files are the Rainbow Tuner Description and the Rainbow Tuner Cumulative Status.)

Note: It's not necessary to put anything on the Subject line of the email.

CONCLUSION:

This is a great way for us QRP clubsite webmasters to provide information to our e-mail constituency not having World Wide Web access. It takes a little extra effort on our part, but the results can be very rewarding ... especially if you are the one without WWW services! Now this person can order your club project, or get the latest on club happenings, or whatever!

BTW, if you are the webmaster or page owner for your website and you'd like to do something similar, just send me an email and I'd be happy to explain. (I'll probably put this file too into the embot directory for download!)

Hope you all find this useful.

72,

--George N2APB

g.heron@dialogic.com

<http://www.njqrp.org> <-- Home of the NJ-QRP Club!

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [19295] Part II of FLYING OHMS-- LOOK OUT!
Message-ID: <199705081906.NAA03898@lynx.csn.net>

>> break into sales but was told, "you don't have what
we're looking for". Maybe I should've gotten a
lobotomy before the interview...

<<

Probably wouldn't have hurt. I sent a copy of the message to the Rocky Mountain News with a comment that Bennett of Golden should get some sort of award under the heading "I don't have to understand this stuff, I just sell it." And the AP writer should get one under "I don't have to understand this stuff, I just write about it." And the Science Editor should look for a new job.

There was more food for thought in the article-- I was so busy ROFL about the Jumping Ohms that I didn't read the rest of it for a while:

[again, this is verbatim]

The dangers of static are well documented.

In December, Maine Yankee nuclear power plant officials said static from a cloth chair may have attracted a radioactive particle that exposed eight workers.

Researchers have long held that it was static that sent the mighty Hindenberg airship plunging to the ground 60 years ago.

And the National Transportation Safety Board is examining whether a static electric spark ignited the center fuel tank on TWA Flight 800's Boeing 747, causing a midair disaster that killed 230 people July 17.

73

Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com

<http://www.mtechnologies.com/mthome>

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Niel Skousen <nskousen@scientech.com>
Subject: [19220] PC Microstrip / Interdigital filters
Message-ID: <2.2.32.19970507230102.00680c58@eaglerock.if.scientech.com>

I need to make a couple of PC stripline or interdigital filters for a 2Ghz LP filter for a project (+17dBm, its QRP :-). Anyone got any good references or software pointers ?

TNX Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
Z-----DN33wm--- . . . -

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Stanley Wilson <microres@crl.com>
Subject: [19233] PIXIE - and related articles
Message-ID: <Pine.SUN.3.91.970507194406.10100B-1000000@crl111.crl.com>

If you stocked up with copies of QRPP you have most of the information on the PIXIE.

- 1) Micro-80 by RV3GM in Sprat Nr. 72
- 2) Reprint of Sprat article QRPP Vol 1 Issue 1 June 63 p 24
- 3) Pixie 2 by WA6BOY - The PIXIE is born QRPP Vol 1 Issue 3 p 47
- 4) The Pixie 2:An Update by WA6BOY QRPP Vol 3 Issue 2 June 95 p 45
- 5) Side Tone for the 49er and Pixie by KD6MNP QRPP Sept 96 p 63 Vol 4 Nr 3
- 6) W1FB version of PIXIE (transmit offset and audio filter) Sprat Nr. 89

If you are going to build one you need to get references 4,5,6. Easy to build with ugly construction or order a kit (QRPP Vol 3 Issue 2 \$10 - try 1-800-4HALTED)

You do need an audio filter. The receiver is broad... like a crystal set with audio amplifier and a Side Tone and offset to make useful.

Will work on 40 or 80 meters. Easy weekend project.

de stan ak0b

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
 From: adams@chuck.dallas.sgi.com (Chuck Adams)
 Subject: [19309] QRP Calling Freqs
 Message-ID: <199705082246.RAA18783@chuck.dallas.sgi.com>

Band	CW	SSB
----	-----	-----
160	1.810	1.910
		1.843 (Europe)
80	3.560	3.985
	3.710 (Novice)	3.690 (SSB EU)
40	7.040	7.285
	7.030 (Europe)	7.090 (SSB EU)
	7.060 (Europe)	
	7.110 (Novice)	
30	10.106	
20	14.060	14.285
17	18.096	
15	21.060	21.385
	21.110 (Novice)	21.285 (SSB EU)
12	24.906	
10	28.060	28.885
	28.110 (Novice)	28.385 (Novice)
		28.360 (SSB EU)
6	50.060	50.885
		50.285 (SSB EU)
2	144.060	144.285
		144.585 (FM)

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
 WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
 From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
 Subject: [19274] QRP DXCC and ARRL
 Message-ID: <3.0.1.32.19970508093338.006c686c@telis.org>

Guys, it just occurred to me that we have a wonderful opportunity to make

ourselves noticed with the ARRL. Dave Sumner, the Executive Vice President of the ARRL will be in the ARRL booth at Dayton. What if all of the QRPers who are reading this list print off this message and hand deliver it to Mr. Sumner at Dayton. Can you imagine the impact if Mr. Sumner gets two or three hundred of us handing him the following signed message?

.....

Mr. David Sumner, K1ZZ
ARRL

Mr. Sumner:

I would like to take this opportunity to call to your attention that there is no QRP endorsement to DXCC. There are hundreds of QRP operators out there who would benefit from such an endorsement. The ARRL has a QRP class in many of their contests, and they have QRP endorsements for WAS and WAC. I am asking that you consider asking the DXCC Advisory Committee to consider a QRP endorsement for DXCC.

Sincerely,

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [19270] QRP Freq. -17M
Message-ID: <199705081611.MAA11027@mh004.infi.net>

Gang,

I've been working on my 17M module for the Sierra, and was planning to make some WIMP contacts. So Far, I hear Zilch on that band. (and he won't answer) My CQs go unrecognized. Is there some frequency where we QRP guys should look for each other?

Thanks.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill
WIMPS: Qs=001 30m=1 17m=0 12m=0 States=01/00/00

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [19277] RESULTS FOR THE MAY SPARTAN SPRINT
Message-ID: <199705081640.MAA86821@nss2.CC.Lehigh.EDU>

The May Spartan Sprint was most interesting. On the West Coast, signals were pretty weak, and on first impression, participation in the Sprint seemed low. But there were actually lots of stations out there--you had to listen carefully. For example, the useless contest manager got 23 Qs running 2 watts with a Sierra, with coast to coast contacts on both 40 and 20 meters. It just took a little persistence.

My apologies to those who were unable to access the ARS automated contest reporting this week. Our server was down. Good thing we had email as a backup.

Here are the results for both categories--Points per Pound, and Points (known affectionately as the "Tubby" division). The top two finishers in each category get handsome certificates. The contest manager is not eligible.

The Soapbox has been posted separately.

Results sorted by Points per Pound, with one point for each 40 meter contact and two points for each 20 meter contact.

Name	Call	40 M	20M	Total	Weight	Points/ Pound
W3TS	Mike	12	0	12	.8	15.00
AA7QU	Russ	11	24	35	2.7	12.96
KI6SN	Richard	10	0	10	3	3.33
W6SU	John	0	8	8	2.9	2.76
K0SU	Rick	7	0	7	4	1.75
WD6FDD	Rich	3	2	5	3.5	1.43
WD3P	Larry	0	12	12	18	0.67
N5XI	Bob	1	6	7	20	0.35
AB7OA	Kent	0	4	4	12	0.33
K06TS	John	2	0	2	8	0.25
KF6CTA	Dick	3	4	7	35	0.20
N6GA	Cam	7	0	7	40	0.18

Results sorted by Points, with one point for each 40 meter contact and two points for each 20 meter contact.

Name	Call	40 M	20M	Total
AA7QU	Russ	11	24	35
WD3P	Larry	0	12	12
W3TS	Mike	12	0	12
KI6SN	Richard	10	0	10
W6SU	John	0	8	8
N5XI	Bob	1	6	7
KF6CTA	Dick	3	4	7
K0SU	Rick	7	0	7
N6GA	Cam	7	0	7
WD6FDD	Rich	3	2	5
AB7OA	Kent	0	4	4
K06TS	John	2	0	2

Thanks for your support and participation!

Russ Carpenter, AA7QU
Contest Manager

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: ptaber@microtest.com
Subject: [19269] Re[2]: QRP digital
Message-ID: <9705088631.AA863107460@microtest.com>

>Lets not mess up the QRP frequencies with all that Garbage. where the
>operators blast away without checking the frequency first.

Woah. Chill out. You're confusing a mode with a style of operation. Operators who use the digital modes are as good (and as bad) as any other. They listen first. That's why you've never heard them land on you. It's the ones who don't listen that you hear. Just like the guys who blaze out a zillion-word-per-minute CQ on top of a QSO. It happens. Every ham (to date) is a human being. There are good and bad.

>I think it's a matter of not being able to copy the code. Please give us
>a break the Digital qrm on the QRP frequencies is bad enough as it is.

I think it's a matter of different interests. Although many a digial guy also does CW. You don't have to be one or the other. Ham radio allows freedom to do what you like and to like more than one thing.

And nobody said anything about operating digial on "the QRP frequencies" (by which I assume you mean the HF CW QRP calling freqs.) They work just fine where the other digital signals are.

Sheeesh.

>>>==>PStJTT

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997

From: ptaber@microtest.com

Subject: [19257] Re[2]:RE: Subject: [19195] frequency relationships

Message-ID: <9705088631.AA863102704@microtest.com>

> How about this, 38 Specials have a fixed TX offset how much luck
> will you have if you call the other station on the WRONG side? Your
> too far away and he wont hear you.
> If he is filtering for the lower side I don't think he'll
> here you, but if he switched to the upper side he would. Did this
> help Jim or just muddy the water :)

I don't think it'll matter. If you have a fixed offset, then we have to presume that when you've tuned your rig to where you hear the proper note from the sending station, you're that much away from that station's zero-beat freq. When you transmit, you'll be transmitting on his z-b freq. No matter which "side" he's tuned to, he's tuned to get the proper tone from someone sending on the z-b freq. So he'll hear you.

It doesn't matter what your (or his) frequency readout is. It matters where the carriers are. And they'll both be in the same place. (I think getting concerned about readouts is what's dragging people down a hole.)

At least, that's how I always thought it worked.

>>>==>PStJTT

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997

From: AlexQRP@aol.com

Subject: [19231] Shot in the Dark!!!

Message-ID: <970507223626_874810830@emout10.mail.aol.com>

Fellas and Ladies,,,,, this is a real "shot in the dark"! I'll be driving to Dayton from Dallas with a friend of mine who is not a QRPer. We're staying in Richmond Indiana, approx 35 miles from Dayton(cudnt get any

closer!!). I wanted to attend the Friday nite affair but he wants nuthin to do wid it. S00000 is anybody out there staying in Richmond Indy that has transport?????Just thot I'd ask!!! Thanks Alex WA5UNY

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [19276] Soapbox for the May Spartan Sprint
Message-ID: <199705081640.MAA44810@nss2.CC.Lehigh.EDU>

Here is the Soapbox for the May Spartan Sprint. Thanks for participating!

Russ Carpenter, AA7QU, Contest Manager

>From Richard, KI6SN

An awfully noisy 40-meters certainly came around as the evening went on.
By
the end of the sprint, east coast stations were easily copyable. Was test driving a newly completed OHR-100 and tiny TiCK-2 keyer. Lots of fun, and thanks to all who pulled through my 900 milliwatts: KD7S (CA), W6ZOH (ID), WB6VDX (CA), N7CTJ (NV), AB7TT (AZ), AA7QU (OR), N6WG (CA), WA6NAE (CA), WJ7H (UT), and K0SU (CO). Another fine turnout. See you in June.

>From Dick, KF6CTA

My first Spartan Sprint, but I hope to do it regularly now. I appreciated the friendly manner in which my slow CW was accepted. Finding contacts was tougher than I thought it would be, but it is sure is surprising how strong some of the 1 watt signals can sound! I can borrow a NC40A, and have a 20m SST on order, so hope to get out of the "tubby" category. Also, plan to do /PQ with my new NC38S.

>From Cam, N6GA

Igot home with 40 minutes left in the sprint, so I grabbed the radio that wa
most convenient - the Corsair II. Estimated weight, with rig, power supply,
external VF0, Bencher paddles, keyer and ATU is about 40 lbs. (5.72

lbs/QSO,
or .18 QSOs/lb, whichever way works.) Not exactly Trail Friendly, but then
with a good open framed pack and a long extension cord, anything is
possible.

>From Kent, AB7OA

Russ,

Restricted to 20 meter operation, with a poor vertical...my field
setup is much better! Only two contacts last night, yours and a guy in
MD.

2 contacts 12 pounds 20 meters

My bumblebee setup will be *much* better (and lighter :-)

>From John, W6SU

I think I once again captured the high score for San Marino (unless Pete
snuck back in town without my knowing it!)

>From Larry, WD3P

Rig etc, abt 18 lbs. Running a Knwd TS570s at 5 Watts, a bit big for
this kind of thing. Only worked the first hour, 40m had to much QRM
so
stuck pretty much on 20m. Running till 11pm is a bit late for me on
the east coast, but I guess starting at 6pm on the west coast is a
bit
early - so the times make for a good compormise.

>From Rick, K0SU

Wouldn't you know it. The first Monday night I have been free in months
and I had to spend about an hour on the phone with parents of my Boy
Scouts. Oh well, there will be other Mondays.

I ended up with 7 QSOs on 40 meters in 3 states. N2TNN - sorry I lost
you.

Sierra	1.3 lbs
battery	1.2 lbs
ant & coax	1.0 lbs
key & phones	0.5 lbs
total	4.0 lbs

Which gives me 1.75 QSOs/pound. As usual, a lot of fun. One of these days I will do it from the field. Thanks for putting this on.

>From Mike, W3TS

Worked only 40M and made 12 QSOs. Used my SW-40, 10xAAA nicads, ear buds and mini keyer and paddle for a station weight of .8 lbs. Used my 40M inverted vee that is up 60 feet.

>From John, K06TS

I didn't have time to escape the local urban noise, but did move a couple blocks from the home QTH to a park. Tossed a random wire (150', more or less) up in a 50' sycamore tree. It took me longer than it should have because I didn't want my walnut sized lead weight to hit any kids on the head--I aimed the slingshot too conservatively. Then I got to explain what I

was doing to the electrical contractor at the next BBQ. By the time I was operational, it was 18:45 PDT and 20m was dead. Both my QSO's were on 40m. The last one was about 19:45. My family had just shown up at the park and I

almost went QRT, but I caught this guy's CQ from Abilene, TX (my record QRP distance to date). Wish I'd had RIT, just after we exchanged crucial info, RTTY started QRMing us. Being able to listen on the lower sideband with my HW-8 would have greatly simplified things.

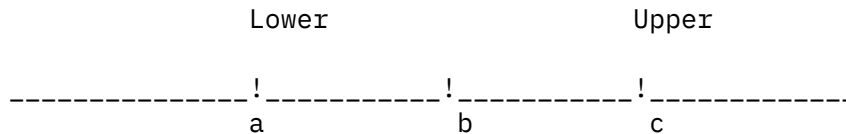
From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: tim_hynde@idecc.com
Subject: [19251] Subject: [19195] frequency relationships
Message-ID: <9705088630.AA863094194@idec_mail.idecc.com>

Jim wrote:

>After giving it a little more thought (should have done that first)
>both Glenn AE0Q and Monte KU7Y are completely correct in what they
>say and I'm wrong. They are correct in that their rigs are designed
>to do the proper frequency shifts when switching between USB and LSB
>while on CW.

Well Jim, perhaps you and I are out in the same field, You are correct
in my opinion I'm just not sure if everyone got your point. I was
trying to think of a good analogy. I'll try not to screw this up but:

How about this, 38 Specials have a fixed TX offset how much luck will
you have if you call the other station on the WRONG side? Your too far
away and he wont hear you. Assume were on 7040. (b) If your 38 S is
set for +750Hz TX offset and you tune in the other station so you hear
a nice 750 hz tone (a) your tx is zero beat on his freq right? BUT if
you tune him on so your RX is zero beat to his frequency (and then use
your RIT) your now transmitting 750Hz Above 7040.(c) If he is
filtering for the lower side I don't think he'll here you, but if he
switched to the upper side he would. Did this help Jim or just muddy
the water :)



a= 7039.250 Khz
b= 7040.000
c= 7040.750

:) Tim, ka8ddz

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: AlexQRP@aol.com
Subject: [19239] test only delete
Message-ID: <970508002015_1122368954@emout10.mail.aol.com>

test to se if this is going out OK

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997

From: Nick Franco <kf2ph@bnl.gov>
Subject: [19266] THANKS All - What a group!
Message-ID: <3371F6FB.5467@bnl.gov>

QRP-Lers,

I put out a request for info on the Bazooka antenna and on how to get a 78L05 regulator to the list. WELL... I have been overwhelmed by everyone's response. I have received the info I need on the Bazooka and on a Double Bazooka. Offers to mail me diagrams and articles. Offers from list members to mail me the actual 78L05 part as well as addresses and phone numbers of suppliers of these parts. I am grateful and very proud to be a member of this fine list. I have been subscribed for around 3 years now (give or take a little, can't remember anymore) and I am always taken back by the help, support and generosity of the membership.

The beauty of a local club is so everyone knows each other and can help each other as needed. The beauty of the internet is that we can have such a club even though we're hundreds of miles apart. I feel as though I know many of you almost personally because of email on and off the list. What a great media - what a great bunch of comrades and comradeses :-). Thanks Chuck for start this group. I've never regretted a second of it.

72,
Nick - kf2ph

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Bruce Rattray <rattray@siast.sk.ca>
Subject: [19300] Tick question
Message-ID: <2550061408051997/A12371/RIEL/11B543863000*@MHS>

I'm wondering if 3 silver oxides would be a proper power supply for the Tick as a stand-alone keyer in terms of current draw?...tnx & 72 - Bruce(VE5RC)
QRP-L#886

rattray@siast.sk.ca

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "JakeCart" <JakeCart@ix.netcom.com>
Subject: [19249] Vibroplex has great customer service -- IMHO
Message-ID: <199705081053.FAA27841@dfw-ix4.ix.netcom.com>

I wanted to relate my recent experience with Vibroplex.

A few weeks ago I ordered a Brass Racer from AES. It arrived promptly and the following weekend I wired the plug and tried it out. It didn't work -- had a short.

I was steamed. This was Sunday 4/27. I went upstairs, got on the I-net and got to the Vibroplex web site. Figured I'd get their toll-free number and give them a call on Monday. No toll-free number. But Mitch, the president, had his name hyper-texted. I sent Mitch a message telling him what I thought of his products.

Shut down the computer, did some other stuff, checked my mail that evening (this was Sunday), there was a message from Mitch! He wanted to know what the problem was and how he could fix it. I wrote back, he wrote back -- we exchange messages 3 times on Sunday. Monday I got a call saying a new Brass Racer was on its way. It arrived later that week and UPS picked up the old one. The new paddles work great.

Bottom line: Vibroplex is a company I like doing business with. You can even chat with the president on Sunday night!! If any of you see Mitch at Dayton say Hi to him for me, and thanks.

Disclaimer: I'm just a customer, I have no financial interest in Vibroplex, but if I did I'd be happy.

73,
Jake [N4UY]
QRP-L #821, G-QRP #9557, AK/QRP #175
WAS W/C 47/42 need HI, DE and NJ (NJ??)
WAS QRP W/C 31/27
WIMPS: Qs=008 30m=8 17m=0 12m=0
States=5 DXCC=2?

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997

From: AlK0FRP@aol.com
Subject: [19285] Viking Ranger II
Message-ID: <970508121336_-930541259@emout10.mail.aol.com>

What is the going price for a Ranger II. good shape works. about 40 w out on 40m.
single 6146, Built in VF0. drive control takes to qrp power and still has a good CW note. Runs 160 to 6 meters but in modulator for AM. (160m nuts).
does a nice job of warming the shack, just right for the hot months ahead, or save it for winter ??? I wanted one of these so bad as a novice in 1961 and now ???
The Sierra has it beat.
Have a nice 110 v burn when i touched the antenna relay connecton on back, as I was feeling around for the CW jack..
keep forgetting that these old glow in the dark rigs use higher voltages.
Just too may qrp radios with 12v lately.

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Michael Vines <mvines@pacbell.net>
Subject: [19252] Wanted
Message-ID: <2.2.16.19970508052520.1a17acfc@pacbell.net>

Hi gang.

WTB: unassembled/assembled 49er kit.

Mike/AA6FH

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [19245] [v31xe@dzdn.com: slb_info]
Message-ID: <9705080532.AA26479@rgfn.epcc.Edu>

===== Begin forwarded message =====

From: v31xe@dzdn.com ("William R. Colbert")
To: af852@rgfn.epcc.Edu
Subject: slb_info
Date: Thu, 08 May

This is a multi-part message in MIME format.

-----4D0553D33D94
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Those that hear the SLB's may be able to use the attached
info to determine propagation status.

--

Ray Colbert, W5XE, 00TC 3618
SOWP 1064M, FISTS 2146
(also af852@rgfn.epcc.edu)
El Paso, Texas

-----4D0553D33D94
Content-Type: text/plain; charset=us-ascii; name="SLB_INFO.TXT"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="SLB_INFO.TXT"

=====

From: ary@aladdin.rotterdam.luna.net (Ary Boender)
Date: Wed, 07 May 1997 16:18:20 GMT
Subject: [WUN] MIL: --STOP PRESS--

This apparently missed the newsletter.....

!!!!!! _S_T_O_P_ _P_R_E_S_S_ !!!!!

Russian Navy.... confirmation at last!

- - - - -

I reported many times about the ex-Soviet navy stations with their
characteristic single-letter channelmarkers. Lots of people however,
still do not believe that these are really naval stations. Until a few
days ago the only evidence we had were the messages that we copied on
the channelmarker freqs. Well folks, I now can tell you that these
stations REALLY ARE NAVAL STATIONS !!! A Russian naval radio operator
confirmed it to me in person. He identified 'L' as St.Petersburg, 'P'
as Kaliningrad, 'S' as Arkhangelsk and 'C' as Moscow. He knew that
there were other stations around but did not know which.=20

At the moment the following stations are still active:

Channelmarker 'F', Vladivostok
Channelmarker 'C', Moscow
Channelmarker 'L', St.Petersburg
Channelmarker 'P', Kaliningrad

Channelmarker 'R', Ustinov
Channelmarker 'S', Arkhangelsk
Channelmarker 'V', Tashkent

***** May the Force be with you! *****
Ary Boender, Spijkenisse, the Netherlands ary@luna.nl
editor of WUN's 'Digital Review' and 'Utility Round-up'
**** 'Worldwide Ute News' THE ute club of the 90's ****

=====

-----4D0553D33D94--

--

Ray Colbert, W5XE, SOWP 1064M, 00TC 3618, FISTS 2146
El Paso, Tx

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Zack Lau <zlau@arrl.org>
Subject: [19267] Re: 2-element Yagis
Message-ID: <3371F6DA.7769@arrl.org>

I'd like to add that at HF, it becomes very practical
to taper the elements. Tapering the elements is yet
another way of varying the current distribution, adding
yet another variable for optimization of your antenna.

Broadcast engineers found out about this the hard way--the
early 5/8 wavelength antennas didn't work because they used
a tapered tower. They didn't get the predicted performance
till they adding wires to make the effective diameter equal
from top to bottom.

I think the technique is likely to be most useful with closely
spaced 2 element yagis.

The following is an A0 file quite similar to the one I published in the Eastern States VHF proceedings. If you sweep it, you will notice an excellent F/B a bit below the band edge, but I've never needed F/B on 6M from Mt Equinox VT--Zack W1VT

```
2 el 6M Yagi
Free Space
50.100 MHz
6 6061-T6 wires, inches
seg=15
cor=0.5;boom correction
diamc=0.5
diame=0.375
dee=35.52616
dec=48.cor
dire=32.1
dirc=48-cor
sp1=0
spt=19.75
de1=dec/2
de2=de1+dee
dir1=dirc/2
dir2=dir1+dire
height=0
```

```
seg sp1 -de2 height sp1 -de1 height diame
seg sp1 -de1 height sp1 de1 height diamc
seg sp1 de1 height sp1 de2 height diame
```

```
seg spt -dir2 height spt -dir1 height diame
seg spt -dir1 height spt dir1 height diamc
seg spt dir1 height spt dir2 height diame
```

```
1 source
wire 2, center
```

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [19246] Re: 3B8CF on *NOW*!!
Message-ID: <Pine.SOL.3.91.970508013654.13361A-100000@hyper>

On 7 May 1997, Wilford D. Lindsey wrote:

> Just worked 3B8CF on 10.108.4 just now (0159Z). He was rollonh into

> Rochester, MNN, at 579+ and calling CQ over and over. The exchange was
> slow, but his speed is +/- 25wpm.

>

And this guy has good ears! His is one of only two QSLs on my wall. I
worked him quite a while back while running 5mw (.005 Watt) on 20M.

Bob Patten, N4BP
n4bp@shadow.net

Plantation, FL
<http://www.shadow.net/~n4bp/n4bp.htm>

Brass Pounder BBS (954) 472-7715

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997

From: "Kevin F. Glynn" <kfglynn@prodigy.net>

Subject: [19229] Re: A Pleasant 160 Meter Surprise!

Message-ID: <199705080205.WAA75046@mail1y-int.prodigy.net>

Hi Keith and gang,

I received one of those too for my old call KB2TE0, but hey, I was the only
Q entry from the New York-Long Island Section!

72 Kevin N2T0 (ex-KB2TE0)

> From: William K Hibbert <wb2vuo@juno.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Subject: A Pleasant 160 Meter Surprise!

> Date: Wednesday, May 07, 1997 11:50 PM

>

> I got this rather large envelope from Newington today, a real
> headscratcher as I hadn't sent for anything recently.

>

> Upon opening it, it says:

>

> "This Certifies That Station WB2VU0 Has Achieved FIRST PLACE, SINGLE
> OPERATOR, QRP WESTERN NEW YORK SECTION In The 1996 ARRL 160-METER
> CONTEST"

>

> WOW! I entered on a whim, and thought that my log was so small as to be
> beneath notice.

>

> SEND IN THOSE LOGS!!! You MAY be pleasantly surprised, too!!

>

> 72/73, Keith, WB2VU0, QRP-L #582, scQRP 40, 100% QRP

> Tech Specialist (ARRL/WNY), ARRL Life Member,

> Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)

> "In the Depths of the Great Bergen (NY) Swamp...FN13ac"
> Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
> SnailMail - CBA *** Phone - 716.494.1239
>

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: rflight@VNET.IBM.COM
Subject: [19258] Re: Bazooka's
Message-ID: <199705081439.KAA136307@nss2.CC.Lehigh.EDU>

A Bazooka antenna is a dipole design that exhibits wider bandwidth than a simple dipole. To achieve this, shorted quarter-wavelength coaxial transmission lines are connected in parallel with the dipole. In fact, the outside of the coaxial shield serves as a significant part of the dipole conductor as well.

Ideas you need to know in order to understand how it works:

Since coaxial cable has a velocity factor less than air, a quarter-wavelength section will be physically shorter than a quarter-wavelength dipole element which has a velocity factor near unity.

A shorted quarter-wavelength section of transmission line (coax in this case) appears as an open circuit at end opposite the short.

An open circuited quarter-wavelength transmission line appears as a short circuit at the end opposite the open.

The quarter-wavelength sections of a dipole are lossy open-circuited transmission lines. The losses are due to radiation (this is good) and the impedance that appears at the opposite ends (i.e. the center of the dipole) is not quite a short circuit... actually about 73 ohms if the dipole is far from conductive and/or reflective objects.

As frequency increases, transmission lines appear longer electrically. It should be obvious of course that as frequency decreases, they appear shorter.

How the Bazooka works:

As frequency is increased (above resonance) on a dipole, it reflects an inductive reactance at the center (i.e. the feedpoint). If the frequency is decreased (below resonance) the dipole exhibits a capacitive reactance at the feedpoint. This is true also of an open circuited transmission line.

A short circuited transmission line reflects the opposite characteristics. As frequency is increased, the short reflects a capacitive reactance at the

end opposite the short. And for completeness... as frequency is decreased, the opposite end exhibits an inductive reactance.

Connecting an open circuit transmission line in parallel with a shorted transmission line produces the effect of canceling each others reflected reactance. In the case of the bazooka antenna, this cancelling effect causes the impedance at the feedpoint to remain constant... or nearly so and thus appears to be resonant over a much broader bandwidth.

In effect, the coax transmission line sections serve to "automatically" tune the antenna as frequency is changed by producing a nearly equal and opposite change to that exhibited by the antenna.

This explanation might give rise to the question "Why doesn't it produce an infinite bandwidth?". The reasons are three which give rise to a "detuning" effect rather than compensating for equal and opposite electrical changes.

- 1) The open-circuit transmission line loses energy to radiation whereas the coax transmission line does not... The coax does lose a small amount due to resistive and dielectric heating losses, but these are small by comparison.

- 2) The radiation resistance (the non-reactive component of impedance at the feedpoint of the antenna) changes with electrical length of the dipole. This change in resistance isn't compensated for by the shorted coax transmission line which reflects the reactance of a short circuit.

- 3) Loss and velocity factor variations of the coax transmission line are a property and artifact of the particular coax cable being used. This behavior is not replicated (and certainly not in an opposite manner) on the open circuit single wire transmission line serving as the dipole.

How to build/tune a bazooka:

- 1) Determine the velocity factor of the coax cable you wish to use.
- 2) Compute the mean center frequency of the band of interest. Multiply the lowest frequency in the band times the highest frequency and compute the square root of the result. (e.g. for 80 meters this works out to be the square root of (3.5 times 4) = 3.74 MHz.) This doesn't have to be precise, but it produces the lowest loss result.
- 3) Use the results of 1 and 2 above to compute a half-wavelength of coax required for the dipole on the band of interest. short both ends of this halfwave of coax and separate the shield only at the exact center. (Note: leaving the center conductor shorted mitigates arching that would otherwise occur at this point when moving far off center frequency.)

- 4) Using the formula for a standard dipole at the mean center frequency computed in step 2 above. add wire extensions to the shorted ends of the coax to produce the completed dipole in the same manner you would a dipole of normal convention. The dipole is fed in a like manner at the point where the shield of the coax is separated. Use of a current balun at the feedpoint is desirable but not required.
- 5) Tune the antenna by adjusting (shortening) the lengths of attached wire appendages (not the coax) for minimum reflected power at the mean center frequency computed in step 2 above.

This completes the design and should yield a result that exhibits a much broader bandwidth than a simple dipole without requiring use of an external tuner.

Bazooka antennas are popular on 80 and 160 meters where the percentage bandwidth is considerably larger than our higher bands. Some deviation from the mean center frequency derived above may be required for satisfactory performance on odd harmonically related bands if such operation is desired. As with conventional dipole designs, bazooka antennas are not intended for operation on even harmonically related bands... In fact... they present a short circuit on exact even multiples by reflection of the short at the ends of the coax.

72 and 73

Gary E. O'Neil
 Advisory Engineer/Scientist
 IBM Micro-Electronics Div. M/S: RW8A/061
 3039 Cornwallis Road
 Research Triangle Park, N.C. 27709-2195
 Office: (919)-543-5750 FAX: (919)-254-6963
 E-mail: rflight@vnet.ibm.com alias: n3go@amsat.org

//// / * / / / //// //// * //// //// / * //// //// ////

Only I am capable of offering such absurdities, and must assume all credit for my opinions and suggestions. They are mine and mine alone. My employer will graciously disavow any knowledge of my existence and laugh heartily at the mere suggestion of such a preposterous notion.

//// / * / / / //// //// * //// //// / * //// //// ////

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
 From: Ed Pacyna <pacyna@auratek.com>
 Subject: [19261] Re: Bazooka's

Message-ID: <3.0.16.19970508110721.08a70018@galaxy.auratek.com>

At 10:38 AM 5/8/97 EDT, you wrote:

>A Bazooka antenna is a dipole design that exhibits wider bandwidth than
>a simple dipole. To achieve this, shorted quarter-wavelength coaxial
>transmission lines are connected in parallel with the dipole.

snip snip snip snip snip snip snip snip snip snip snip snip snip

I suggest that one might want to look further into how the Bazooka achieves its greater bandwidth. Over the years past I have seen this topic analyzed by some pretty credible professional antenna engineers who concluded that the added bandwidth is only due to the losses in the coax (and this antenna is less efficient than a dipole).

BTW, one can achieve the same result by putting a large 50 ohm resistor where the feed line connects to the antenna. It would be a lot easier than assembling and hanging an antenna made of coax (In fact around 10 years ago a company actually sold amateur antennas with this feature (epoxied at resistor into the center insulator)....at least until their secret was discovered.

73

Ed, W1AAZ

PS: I believe a possible amateur reference might be in Maxwell's book "Reflections"

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [19264] Re: Bazooka's
Message-ID: <Pine.SUN.3.90.970508082246.17247A-1000000@vortex>

Hi All,

Back in the early 50's when I was just getting started in this hobby, the Bazooka was one of the easy ways to feed a yagi.

Back then the elements were mounted on insulators which were in turn mounted on a wooden boom.

You would just cut the coax at what you thought would be the right size, short and tape the ends, solder more coax for a feed line at the center and then "stuff" the dipole part inside the driven element!!

Life was easy in those days.....no SWR meters.....PI networks to load things with.....just do it and operate!

I have even gone so far as to put a sock, (clean!), over the mic to keep the RF from biting me!!

But hey, we made lots of contacts.

(Cards from all over the world using 2w on AM on 10m!)

Bottom line is don't wait until it's perfect, just try it!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [19254] Re: Comparison: OHR100 vs. Tkit QRP Rig
Message-ID: <199705081250.IAA138108@nss2.CC.Lehigh.EDU>

Hi Bob and Gang,

> I'm getting the "itch" to build again. If you had the choice, which
> kit would you prefer - considering both assembly ease and performance
> -the OHR 100 or the TenTec Tkit - for 40 meters. Anyone have experience
> with both?

I recently had to make the same choice and I selected the OHR because:

- * It does the full 5W.
- * Variable bandwidth filter. (I really like the one on my Argo 556.)
- * Power adjust on the back panel. I run QRPP to 5W.
- * I did not need a speaker.
- * And lastly, the pictures on K5F0's web page of the OHR gave me that warm fuzzy feeling. Must be his super construction techniques.

I am glad I bought the OHR because it is a great performer. I do not yet feel the need for an audio filter which I think you might want right away with the TT.

Good Luck!

72, Mark N2VPK

Member of the Buffalo QRP Connection

WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997

From: Raventhorne <jelder@ix.netcom.com>

Subject: [19242] Re: earn FREE digital display

Message-ID: <2.2.16.19970507214840.3c8f8982@popd.ix.netcom.com>

At 02:31 PM 5/7/1997 -0700, Neil Heckt wrote:

>Noteable examples (which I already know how to do) are the Collins
>S line, the FT101 and TS-520.

>If your interested give me a call or e-mail me as shown below.

I've got a 520S & am interested. What's your timeframe?

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997

From: Randy Hargenrader <randyh@harksystems.com>

Subject: [19282] Re: earn FREE digital display

Message-ID: <3372071F.1155@harksystems.com>

Re: digital dial for "old radios"...

Its already been done by Radio Adventures Corp.

Contact: lee@radioadv.com for details...

Usual disclaimers apply.

--

73, (Sir)Randy WJ4P

Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [19284] Re: FLYING OHMS-- LOOK OUT!
Message-ID: <9705081719.AA27602@artemis.fc.hp.com>

> "As we're standing and talking right here, little ohms are jumping
>out of our bodies, just little critters going everywhere," said
>salesman James Bennet of Golden, his fingers flinging invisible zaps
>into the air before him.
>

"Ohms jumping out of our bodies"??? Anyone besides me notice the increasing trend in industry where the sales person is totally clueless about his product? Is it that the companies would rather have a smooth fast-talking airhead push their product, over a very informed engineer-type? Maybe last week the guy was pushing used cars, or vacuum cleaners, today he's selling ESD protection devices, but has totally no background on the subject.

I've found the same caliber of person on the other end of a "support" line for a PC company. It was obvious that I knew MUCH more about the fault as well as computer hardware in general than the moron on the other end of the line. Who, like a broken record just kept repeating, "check your config.sys and reboot" when it turned out (as I suspected) to be a bad SR which only failed after several minutes so of heavy SCSI peripheral I/O and would again work only after the machine was turned off and allowed to cool for a while before rebooting. Yeah, those config.sys files must be thermal sensitive. I was lucky enough to call the line again and get a different ahhh "support engineer" who actually had a clue.

Ok, so maybe I have sour grapes. I once tried to break into sales but was told, "you don't have what we're looking for". Maybe I should've gotten a lobotomy before the interview...

Thanks for the vent,
de Dale, KB0VCC

Fort Collins, CO

QRP-L #91 / CQC #251 / ARS #234 / FISTS #3172

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: john andrews <jm165723@eee.org>
Subject: [19286] Re: FLYING OHMS-- LOOK OUT!
Message-ID: <33721007.4913@eee.org>

Hi Dale:

*****SNIP*****

>
> Ok, so maybe I have sour grapes. I once tried to break into
> sales but was told, "you don't have what we're looking for".
> Maybe I should've gotten a lobotomy before the interview...

Mandatory at a certain "unmentioned" national electronic chain
store. They hire on image as opposed to product knowledge.

72, John-N5INZ
>

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [19240] Re: frequency relationships
Message-ID: <Pine.SUN.3.90.970507214336.16159B-1000000@vortex>

Hi All,

Just to close the chapter on my radio.....

I checked it tonight and changed the readout to the TX freq....not
the Offset freq. Tuned in a signal until it was centered in
the pasband of the RX. Changed the CW reverse and no change in
tone or the display.

Hmmmmm, seems to be working like it should! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: [19306] re: frequency relationships
Message-ID: <Pine.SUN.3.91.970508164725.5699A-100000@ncrsun1>

I don't understand why a frequency displayed should be set up to be anything other than the carrier frequency. No wonder folks are confused if their rig does otherwise. I guess I am spoiled by my Ten Tec Century 22 Direct Conversion transceiver -- it has no fixed offset. When I set the offset to zero, and I zero beat (no signal "heard"), I can spin the offset back up to either side to how I want to that minimizes QRM heard. And with the offset, I've learned whether to tune up or down on the VFO to get the zero beat by tone without having to turn the offset to zero. A word in support of older, simpler technology :-).

Cheers/72. Kevin Anderson, KB9IUA, Rock Island IL, QRP-L
home: kb9iua@juno.com
work/list subscription: anderson@ncrsun1.ncr.usace.army.mil
Opinions my own.

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [19302] Re: FS: Unbuuilt NC38S kit and accessory pack
Message-ID: <337238A7.1591@dancris.com>

These items have been sold. Tnx for the responses.

72....Roger

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [19273] Re: Galbraith paddle
Message-ID: <3.0.1.32.19970508122457.009e6ec0@mail.atl.bellsouth.net>

The following was rcvd from Steve Davis regarding the Galbraith paddle... I am attaching the specific html page also. Bottom line is that they look great, and the price is about \$40 postpaid. I should also add that my

server balked at the entire URL address and I had to back it up to just:
<<http://www.nzart.org.nz/nzart/branches/chch>> then manually select
'branch05' then 'projects', then the Galbraith.

At 08:53 PM 5/8/97 +12, you wrote:

>Ed,

>

>Could you post the following to the QRP-L list

>

>Thanks

>-----

>The Galbraith Paddle

>

>After many years of being off the market a small number have become
>available.

>

>Within a short time of this being announce we have been inundated
>with enquiries, mostly from members of the QRP-L list, so we are
>looking at the possibilities of manufacturing a new batch.

>

>Information, including a diagram and a picture is on our web page,
>see:

>

><http://www.nzart.org.nz/nzart/branches/chch/branch05/projects>

>

>Please have a look at our new "Kea" Keyer which incorporates the
>Galbraith Paddle with a Curtis Keyer circuit, information also
>available at the above page.

>

>The price for the Galbraith Paddle for international orders has been
>set at \$US40, including postage to anywhere in the world, while
>stocks last.

>

>Email enquiries to Projects Coordinator:

>

> mailto:J.Nicholls@ext.canterbury.ac.nz

>

>or to myself

>

> mailto:Steve@z12ucx.gen.nz

>

>Please send orders to

>

> Galbraith Projects

> PO Box 1733

> Christchurch

> New Zealand

>

>Due to the small number available at this stage, orders will be take
>first come first served, and for orders that are not fulfilled we
>will notify you of the viability of a new manufacturing run as soon
>as possible.

>

>73

>Steve Davis

>President: Christchurch Amateur Radio Club

><http://www.nzart.org.nz/nzart/branches/chch/branch05>

>

>

>-----

>Steve Davis ZL2UCX	Internet: steve@zl2ucx.gen.nz
>P O Box 120	www: http://www.southern.co.nz/~zl2ucx
>Christchurch	Fax: +64-3-343-0461
>New Zealand	Mobile: +64-25-361-796

>-----

>

72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663 G-QRP #6779 OK-QRP #172 QRP-L #758
AdvRC #140 NORCAL #1779 NCDXF SEDXC

Life Member: ARRL AMSAT INDEXA QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "Paul Christensen" <paulc@ccse.net>
Subject: [19279] Re: Galbraith paddle
Message-ID: <19970508164832.AAA23379@ccse.net.ccse.net>

Regarding the Galbraith keyer paddle: the club at one time offered the key on an attractive matching brushed-steel base, but I understand it's no longer available. If a coordinated purchase was assembled, perhaps they could be persuaded to offer the key on the base as well.

Incidentally, the cost to send a letter to NZ is 60 cents for the first half-ounce, and an additional 40 cents beyond this up to a full ounce.

-Paul, W9AC

From: Ed Tanton <n4xy@bellsouth.net>

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997

Subject: Re: Galbraith paddle

|The following was rcvd from Steve Davis regarding the Galbraith paddle...

I

|am attaching the specific html page also. Bottom line is that they look
|great, and the price is about \$40 postpaid. I should also add that my
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|>
|>
|>-----
|>Steve Davis ZL2UCX      | Internet: steve@z12ucx.gen.nz
|>P O Box 120             | www:      http://www.southern.co.nz/~z12ucx
|>Christchurch           | Fax:      +64-3-343-0461
|>New Zealand            | Mobile:   +64-25-361-796
|>-----
|>
|72/73
|-----
|Ed Tanton   N4XY          EMAIL: n4xy@bellsouth.net
|189 Pioneer Trail
|Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
|-----
|QRP-ARCI #7663      G-QRP #6779      OK-QRP #172 QRP-L #758
|AdvRC #140          NORCAL #1779      NCDXF          SEDXC
|
|Life Member:        ARRL              AMSAT              INDEXA          QCWA
|-----
|INTERESTS:  DX   QRP   BoatAnchors  Test Equipment  Photography
|CW: 99.9%   QRP: 95-100% (Mood swings!)
|~~~~~
|"Think you can, think you can't: either way you're right!"      Henry

```

Ford

|-----
|
|

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [19237] Re: HTX-202, we hve pwr!
Message-ID: <Roam.SIMC.2.0.6.863063198.27111.myers@bigboy>

Matt,

> Hey Gang,
> I looked over the schematics and then looked through the service manual
> again. I couldn't figure out why the SRFH1900 was getting hot or had
> voltage on the collector pin of the SRFH1900 when there was power
> connected to the HTX-202 but the power switch wasn't on.

If you don't at least have the schematic in the back of the instruction manual, call up Tandy and ask for a new manual. A look at the schematic quickly answers why there's voltage on the collector even with the radio turned off - the collector supply isn't switched. This is common in many radios; the on-off switch would have to be much larger to handle the transmit current and would probably introduce too much loss.

> I couldn't figure it out so I just went for it.

In this case, you were OK, but I'd normally advise against this approach with transmitting gear in general and VHF/UHF transmitters in particular. Just replacing one bad component without looking at the schematic for the others that probably blew also is just asking for trouble.

Take care!
Dana K6JQ

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Carol N. Wright" <cnw@HiWAAAY.net>
Subject: [19250] Re: HTX-202, we hve pwr!
Message-ID: <Pine.OSF.3.94.970508070049.19190C-100000@fly.HiWAAAY.net>

Hey Dana and Gang,
Well thanks for the info. The 202 works now and I'm happy, learned some stuff too. It was a great day I guess Dana. Best 72/73 DE Matt, AE4JM

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [19243] Re: HW-8 info
Message-ID: <2.2.16.19970507214837.3c8f5508@popd.ix.netcom.com>

At 12:03 PM 5/7/1997 -0600, Thomas J. Whalen wrote:
>Still needing info on where to find mods for the HW-8.

Try

Mike Bryce
Sunlight Energy Systems
Box 508
Massillon OH 44648

\$11.00

HW-8 Handbook

@~~~
@ John Elder, Wide Sky Men's Council
@ (310) 416-9901 Box 232, El Segundo, CA 90245

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [19294] Re: missed Doc, got OK1HEH
Message-ID: <199705081848.NAA27504@multi13.netcomi.com>

Canada counts. Most people also forget that the USA counts for one country, too (Uh duh! :-)). Hawaii is also counted as a separate country for DXCC -- it meets all the same requirements that an isolated little reef awash in the middle of the ocean meets, even if it does have MacDonalds.

Collect 'em all!

Mike K1MG

```
> Sorry I missed Doc, happy I got the Czech Rep. Gives me one WIMPS
country
> -- unless Canada is considered DXCC. Does Canada count?? It was Nova
> Scotia.
>
> 73,
>
> Jake [N4UY]
```

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Stan Skelton <:sskelton@cln.etc.bc.ca>
Subject: [19259] Re: NJQRP offers new feature!
Message-ID: <Pine.SUN.3.95.970508074403.3289B-1000000@cln>

TNS George...You have no idea how many people there are out there with older machines and no access to windows (hence netscape/explorer) that fume when all these guys with fancy rigs plug their mega-byte long graphics on their web pages....QRP is all about simpler and smaller, after all!

TNX again....Stan

Stan, QRP-L #34, OHR Sprite 80, 38 Spec.

[illegible]

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "rong@slip.net" <rong@slip.net>
Subject: [19228] Re Power Station
Message-ID: <E0wPITv-0000Lj-00@hamster.slip.net>

I read in a recent copy of a ham mag that it needs larger diameter hookup wire inside...easily replaced...The meter was criticized for a poor scale in the pertinent range...12 to 15 volts...What else??I forget...see the last two issues of CQ VHF...it is in one of them...Overall the thing was approved for ham use...I don't have one...I have twenty or so gel cells of various sizes but I have looked at it and thought it was OK for the money...

Ron, KB6GK

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [19230] Re: QRP digital
Message-ID: <199705080237.WAA14386@mail1.infinet.com>

>I'm wondering if anyone is using a digital mode QRP on HF. Some
>digital modes are said to be more robust than CW while having higher
>throughput than CW, particularly Clover, G-TOR and Pactor. It seems to
>me that digital would lend itself to QRP operation, but I've heard
>little about this. Any pros, cons, and first-hand experiences with
>HF QRP digital modes vis-a-vis CW? Thanks for your thoughts.
>72 and 73 de Bill KB8USZ William.A.Ruth@oberlin.edu

Yes indeed.

I have dabbled in QRP Pactor and G-TOR. My experience indicates good through-put and quality QSO's with 5 watts to my outdoor antennas. What I REALLY was impressed with was a QSO I had in Pactor with an op in Texas. He was running 2 watts to a homebrew dipole strung up in his living room. He needed to keep the power level at 3 watts or below so that stray RF would not enter the TNC es computer. We chatted on Pactor for about 20 minutes and then QRT'd at a leisurely pace. Impressed me pretty gud!

Best 73

Len len@infinet.com w8vq@key.com

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==	=	==	==	==	==	//=
==	==	==	=====	==		=====

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: w2gum1@juno.com
Subject: [19263] Re: QRP digital

Message-ID: <19970508.103345.8183.0.w2gum1@juno.com>

On Tue, 6 May 97 04:13:09 -0000 "Len W. Tough" <len@infinet.com> writes:

>>I'm wondering if anyone is using a digital mode QRP on HF. Some
>>digital modes are said to be more robust than CW while having higher
>>throughput than CW, particularly Clover, G-TOR and Pactor. It seems
>to
>>me that digital would lend itself to QRP operation, but I've heard
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>Yes indeed.

>
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>I have dabbled in QRP Pactor and G-TOR. My experience indicates good
>through-put and quality QSO's with 5 watts to my outdoor a

Yes I also have been in the digital mode for the past 63 years and have
found it to be the best and most efficient way of communicating GOOD
OLD HAND KEYED CW.

Lets not mess up the QRP frequencies with all that Garbage. where the
operators blast away without checking the frequency first.

I think it's a matter of not being able to copy the code. Please give us
a break the Digital qrm on the QRP frequencies is bad enough as it is.

VY 7and 73's Tony, W2GUM CW is
music to my ears.

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [19290] Re: QRP digital
Message-ID: <Pine.3.89.9705081208.D413-01000000@w3eax.umd.edu>

I don't think anyone is advocating using digital modes on the CW
frequencies. List to 40m any night, and you'll realize there's already a
LOT of that :(

The question was merely whether anyone has successfully used any of the
digital modes at QRP levels.

I assume the answer to this would be yes.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

> >>I'm wondering if anyone is using a digital mode QRP on HF. Some
> >>digital modes are said to be more robust than CW while having higher
> >>throughput than CW, particularly Clover, G-TOR and Pactor. It seems
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> I think it's a matter of not being able to copy the code. Please give us
> a break the Digital qrm on the QRP frequencies is bad enough as it is.

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Dave Sjolín <sjolin@swbell.net>
Subject: [19292] Re: QRP DXCC and ARRL
Message-ID: <33721F4F.624B@swbell.net>

Doug Hendricks wrote:

>
> Guys, it just occurred to me that we have a wonderful opportunity to make
> ourselves noticed with the ARRL. Dave Sumner, the Executive Vice President
> of the ARRL will be in the ARRL booth at Dayton. What if all of the QRPers
> who are reading this list print off this message and hand deliver it to Mr.
> Sumner at Dayton. Can you imagine the impact if Mr. Sumner gets two or
> three hundred of us handing him the following signed message?
>
>

Yes, Doug, I think it might impress him but I don't think it would make
any difference. In addition to K1ZD, you need to contact the DX Advisory

Committee members, ARRL Directors and I think another group whose name escapes me. ARRL has recently turned similar requests for expanding other aspects of DXCC program.

How will the league verify that the contacts made were in fact Qrp? With mode or band specific DXCC awards, those details are enumerated on the qsl card. Not all of the DX you work, especially dxpeditions and other stations who generate pileups are going to even record /qrp in their log. And how would they know in you were? There are stations running a KW or more on 30 meters, well over the 200w limit. They could work the dx and claim qrp if they really wanted to.

While WE might trust the other qrpers, especially those on this list, the ARRL rejects the applications of a number of stations each year for falsifying their initial DXCC application. Why would these hams do that when they could probably legitimately qualify within six months of operation(receiving qsls being the major block).

Its worth a try but I wouldnt hold out too much hope. As an alternative, maybe one or more of the Qrp journals could provide a couple pages each issue or every other issue to list current Qrp "DXCC" Standings. Or someone could keep the records and blast the latest standings out here on the reflector (I would do it if there was a demand).

Even if none of this happens, YOU know that you worked them qrp and nobody can take that away from you. That inner feeling of accomplishment has got to be more valuable than a piece of paper.

73 de Dave, N0IT
See you all next week!

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [19297] Re: QRP DXCC and ARRL
Message-ID: <337227c6.79976939@smtp.usit.net>

On Thu, 08 May 1997 13:45:35 -0500, Dave Sjolín <sjolin@swbell.net>
wrote:

>Doug Hendricks wrote:

>>=20

>> Guys, it just occurred to me that we have a wonderful opportunity to =
make

>> ourselves noticed with the ARRL. Dave Sumner, the Executive Vice =
President

>> of the ARRL will be in the ARRL booth at Dayton. What if all of the =
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>any difference. In addition to K1ZD, you need to contact the DX Advisory
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>other aspects of DXCC program.

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>log. And how would they know in you were? There are stations running a
>KW or more on 30 meters, well over the 200w limit. They could work the
>dx and claim qrp if they really wanted to.=20

This logic doesn't hold for me -- even normal DXCC applications
require that power levels be within legal limits -- and certainly
some aren't.

How do the QRP sections of contests get verified? How are any power
levels verified? Certainly no "sworn statements, notarized and in
triplicate" are required. What are the QRP verification
requirements on WAS or WAC, which already exist? Seems that the
same standard can and should be applied to DXCC.

=46or the record, I'm not an award chaser, and while I do enjoy
working for objectives, I'm not primarily interested in wallpaper
that will immediately be put into storage. That being said, if I
had it, and wanted to spend the bucks to have the ARRL recognize it,
I'd want it done!

>While WE might trust the other qrpers, especially those on this list,
>the ARRL rejects the applications of a number of stations each year for
>falsifying their initial DXCC application. Why would these hams do that
>when they could probably legitimately qualify within six months of
>operation(receiving qsls being the major block).

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>Its worth a try but I wouldnt hold out too much hope. As an alternative,
>maybe one or more of the Qrp journals could provide a couple pages each

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>on the reflector (I would do it if there was a demand).
>
>Even if none of this happens, YOU know that you worked them qrp and
>nobody can take that away from you. That inner feeling of accomplishment
>has got to be more valuable than a piece of paper.

And that's what we have to remember ... the ARRL "audits" the cards,
that is, attests to their existence, not uncovers fraud. Heck,
given the internet and a little unscrupulous behavior, one might
garner DXCC cards without ever keying a transmitter. Yet, as it is
an acknowledgement of a personal achievement, it would seem that the
ARRL *would* be willing to offer a QRP endorsement.

And, as a matter of policy, the ARRL should support the "minimum
power necessary to maintain communications" rule outlined in Part
97. This means, to me, recognition of those who accomplish
objectives playing by those rules, including QRP endorsements.

Are we (as a group) willing to say that rigs *capable* of QRO
operation automatically disqualify one for QRP contests, awards,
etc.? That's the only way I know to ensure no fraud -- use rigs
with maximum output of 5 Watts or less. And include in digital
bursts a tamper-proof digital signal that will indicate to the other
stations the rig type and power level being used. And I'm not
willing to go that far, either way.

>See you all next week!

Well, perhaps not all of us :(...

Soon, though ... very soon.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997  
From: "Dana H. Myers" <[myers@bigboy.West.Sun.COM](mailto:myers@bigboy.West.Sun.COM)>

Subject: [19298] Re: QRP DXCC and ARRL  
Message-ID: <Roam.SIMCSD.2.0.4.863120835.10531.myers@bigboy>

Marty KM7W wrote:

> On Thu, 08 May 1997 13:45:35 -0500, Dave Sjolín <sjolin@swbell.net>  
> wrote:  
>  
> >Doug Hendricks wrote:  
> >>  
> >> Guys, it just occurred to me that we have a wonderful opportunity to make  
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> >> .....  
> >  
> >Yes, Doug, I think it might impress him but I don't think it would make  
> >any difference. In addition to K1ZD, you need to contact the DX Advisory  
> >Committee members, ARRL Directors and I think another group whose name  
> >escapes me. ARRL has recently turned similar requests for expanding  
> >other aspects of DXCC program.

After the email-bombing campaign that Sumner initiated against the  
FCC WARC committee members last year, it might be kind of amusing to  
see how he feels when he gets 300 letters in his mailbox all saying  
the same thing ;-)

\*\*\* IMPORANT: PLEASE DO NOT EMAIL-BOMB DAVE SUMNER \*\*\*\* Email-bombing  
is wrong (IMHO) no matter who does it.

Marty is right; figure out who the right people are and have a useful  
dialogue with them.

Dana K6JQ  
Dana@Source.Net

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [19304] Re: QRP DXCC and ARRL  
Message-ID: <33743cd5.85368097@smtp.usit.net>

On Thu, 8 May 1997 12:47:15 -0700 (PDT), "Dana H. Myers"  
<myers@bigboy.West.Sun.COM> wrote:

>Marty KM7W wrote:  
>  
>> On Thu, 08 May 1997 13:45:35 -0500, Dave Sjolín <sjolin@swbell.net>  
>> wrote:  
>>=20  
>> >Doug Hendricks wrote:  
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>> >  
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>> >any difference. In addition to K1ZD, you need to contact the DX =  
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>> >Committee members, ARRL Directors and I think another group whose name  
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>  
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>is wrong (IMHO) no matter who does it.  
>  
>Marty is right; figure out who the right people are and have a useful  
>dialogue with them.

Although I'm complimented, I can't take credit ... this was a quote  
from Dave Sjolín <sjolin@swbell.net>. And useful dialogue is always  
a preferred route.

Along that line, I had an idea that ended up in the contest  
committee several years ago. Dunno what happened to it, but perhaps  
we can rekindle it. My idea was for the ARRL to sponsor a school

(club) contest, perhaps in conjunction with a normal contest. Award state and region, as well as US and DX, plaques and name a "national champion" and "world champion". Competition stimulates interest, IMHO.

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Dave Sjolín <sjolin@swbell.net>
Subject: [19307] Re: QRP DXCC and ARRL
Message-ID: <33724F3A.31A0@swbell.net>

Marty Watt wrote:

>
> This logic doesn't hold for me -- even normal DXCC applications
> require that power levels be within legal limits -- and certainly
> some aren't.

True, some run more than legal limit. Critics would point out that the 20+ db difference between 5w and 1500w offers more significant opportunity for cheating than the 3-5 db "achieveable" over 1500w.

> How do the QRP sections of contests get verified? How are any power
> levels verified? Certainly no "sworn statements, notarized and in
> triplicate" are required. What are the QRP verification
> requirements on WAS or WAC, which already exist? Seems that the
> same standard can and should be applied to DXCC.

There are sworn statements that those submitting scores are required to sign. They are part of the cover sheet for the submission.

I believe that the Qrp or low power sections have been added to a number of contests recently to generate additional activity as well as to satisfy those those qrpers requesting it. If we were granted multipliers and a qrp'er actually won overall, that would change in an instant.

> And that's what we have to remember ... the ARRL "audits" the cards,
> that is, attests to their existence, not uncovers fraud.

Partially true. Any notation on the card which appears to have placed on the card by the recipient will disqualify that card. Any cards from rare countries for stations that the checker is unfamiliar with will be challenged.

I am in favor of a QRP DXCC, I just think the League is trying to avoid any more additions to the program which require more work and expense for them. Some Directors already feel that DXCC costs them too large a percentage of their total budget. This combined with the more difficult verification requirements, I question whether it is likely to happen.

I will talk to Dave and some of the others next week. I suggest that everyone on the list write their Director and their DX Advisory Committee member if interested. I am pretty sure DXAC list is published on the ARRL website if not in front of QST. I am sure DXAC members would be happy to hear from you. They can only take so much input from dxers fighting over whether some rock in the ocean should or shouldnt be a new country.

I wish you success with this. 73 de Dave, N0IT

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: n4js@amsat.org
Subject: [19280] RE: QRP Freq. -17M
Message-ID: <XFMail.970508125225.n4js@amsat.org>

On 08-May-97 Bob Kellogg expounded:

>Gang,

>

>I've been working on my 17M module for the Sierra, and was planning to make
>some WIMP contacts. So Far, I hear Zilch on that band. (and he won't
>answer) My CQs go unrecognized. Is there some frequency where we QRP guys
>should look for each other?

>

>Thanks.

>

Hi Bob,

18,085 is supposed to be the QRP freq for CW. I haven't heard much except on the weekends. I made a couple contacts with my newly completed GM17. Look for you there.

Sent at 12:52:25 on 08-May-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.qsl.net/n4js>
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=016 30m=13 17m=2 12m=0 States=04/02/00 Countries=09/00/00

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [19289] Re: QRP Freq. -17M
Message-ID: <199705081813.0AA03376@mh004.infi.net>

Ron,
At 09:16 AM 5/8/97 -0700, you wrote:
>Egad Bob,
>
>What are you doing, trying to call LSB rigs with your USB rig???
>
>:-)
>
>73, Ron, SOWP 5545M,

Uh, Oh, -- yeah, -- That's it, I was calling on the right frequency but
Zilch's offset was wrong so I couldn't hear his reply.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. - Benny Hill
WIMPS: Qs=001 30m=1 17m=0 12m=0 States=01/00/00

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "Larry Wise KA5T" <lewise@inetport.com>
Subject: [19305] RE: QRP Freq. -17M
Message-ID: <199705082143.QAA04098@admin.inetport.com>

The card I have tacked up on my desk says

18096

for the 17m QRP freq...

Has it changed??? Am I just flat wrong ???? (possible..)

Larry KA5T
lewise@inetport.com

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: n4js@amsat.org
Subject: [19308] RE: QRP Freq. -17M
Message-ID: <XFMail.970508183703.n4js@amsat.org>

On 08-May-97 Larry Wise KA5T expounded:

```
>  
>The card I have tacked up on my desk says  
>  
>18096  
>  
>for the 17m QRP freq...  
>  
>Has it changed??? Am I just flat wrong ??? (possible..)  
>
```

I dunno, I'm going by the little chart in the front of the Wilderness radio QRP Filed Log/Reference. It says 18.085.

Sent at 18:37:03 on 08-May-97

```

-_-\\_||_--|_ _ |_/___| John L. Sielke n4js@amsat.org n4js@pobox.com
|_|.' ||_ _|| || \\__\\ n4js@n4js.ampr.org NJ Grid:FM29LN
|_|\\_||_|| \\_/_|_|_/ http://www.qsl.net/n4js
NE-QRP #507 G-QRP #9544 NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS 0s=016 30m=13 17m=2 12m=0 States=04/02/00 Countries=09/00/00

```

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [19241] Re: R2 and digital quadrature -- deja vu!
Message-ID: <2.2.16.19970507214834.477f24ee@popd.ix.netcom.com>

At 01:04 PM 5/7/1997 -0400, Ed Pacyna wrote:

>>At 10:59 PM 5/2/97 -0500, John Seboldt wrote:

```
>
>>The fatal flaw is: with real-world components (the mixers, the analog
>>version of the audio phase-shift network, etc), the rest of the stuff
```

>>you're interfacing to is not as precise as you might wish. Ergo, you need
>>tweakability over a few degrees either way.

>

>An optimistic view of the DC receiver is that gain/phase balance
>requirements can be realized with precise components, feedback and perhaps
>self calibration. The pessimistic view is that a mixer with infinite 2nd
>order intercept (see below) will never be found and the superhet will
>always be needed when performance requirements are high.

OR

Let the phase shift be only approximately 90 degrees. DIGITIZE both the
inphase and the quadrature channel. Treat the digitized numbers as complex
numbers, then run through a complex digital filter for the desired sideband.

All of our radar receivers are direct conversion to quadrature baseband. We
digitize at several MHz because our data generally have significant
bandwidth. Each baseband signal has a slightly different DC bias, each
baseband signal has a slightly different amplitude, and the I & Q are
=NEVER= exactly 90 degrees out of phase. All of these can be easily
rectified in software. They are not parameters which change much over time,
so they can be calibrated out.

For any HF application, you'd only have to digitize at double the audio
bandwidth. 10 kHz would be nice overkill. You could easily perform the
needed filtering with today's PCs without having to resort to a DSP.

Designing the complex digital filters is fairly simple. They can either be
implemented in a DSP or by a PC cpu, or in a special purpose filter chip
designed by Harris (it takes a pair of the chips to do the required complex
filtering).

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997

From: ptaber@microtest.com

Subject: [19265] Re:RE: Re[2]:RE: Subject: [19195] frequency relationships

Message-ID: <9705088631.AA863105968@microtest.com>

>> I don't think it'll matter.

[...]

>You're correct in MOST cases. MOST rigs are set up properly that when you
>get a 750 Hz tone then you will be transmitting on the same frequency that
>he is on. But SOME are not. I'm thinking of my Drake C line with separate
>transmitter and receiver. The transmitter offset is -750 Hz only but the
>receiver allows you to receive on either sideband.

[...]

>This subject has made all of us think, hasn't it.

So, you're saying that the Drake doesn't have a CW position? All the radios I've used (that are multi-mode) do, even the ones that have separate transmitters and receivers. Of course, you can always listen using an SB position, but it's not meant to operate that way and, in fact, some won't let you key if you're not in the CW position.

If we partition the problem, then every radio I've ever used is excused from consideration because you either operate it in the CW position, or it's a CW-only radio that can't be used improperly.

So to properly use your gear, you have to know the correct setting? And it isn't placarded on the front panel? In that limited case, I'd agree about having to worry about the details. But overall, what the topic makes me think is "tempest in a teapot."

>>>==PStJTT

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997

From: "James C. Owen, III" <owen@piper.eeel.nist.gov>

Subject: [19260] RE: Re[2]:RE: Subject: [19195] frequency relationships

Message-ID: <39809.owen@piper.eeel.nist.gov>

In message Thu, 08 May 97 10:35:23 -0700, ptaber@microtest.com writes:

> I don't think it'll matter. If you have a fixed offset, then we have to
> presume that when you've tuned your rig to where you hear the proper note
> from the sending station, you're that much away from that station's
> zero-beat freq. When you transmit, you'll be transmitting on his z-b
> freq. No matter which "side" he's tuned to, he's tuned to get the proper
> tone from someone sending on the z-b freq. So he'll hear you.
>

You're correct in MOST cases. MOST rigs are set up properly that when you get a 750 Hz tone then you will be transmitting on the same frequency that

he is on. But SOME are not. I'm thinking of my Drake C line with separate transmitter and receiver. The transmitter offset is -750 Hz only but the receiver allows you to receive on either sideband. If I transceive with the receiver VFO and use the LSB position then everything is fine but if I use the USB then my transmitt frequency is 1.5 Khz below the other station. My point is we MUST know our equipment and frequency relationships.

> It doesn't matter what your (or his) frequency readout is. It matters
> where the carriers are.

correct

> And they'll both be in the same place. (I think
> getting concerned about readouts is what's dragging people down a hole.)
>
Unless using something like the Drake C line. True readouts don't matter UNLESS a sced is set on a certain frequency and neither station tunes then the frequency relationships better be the same.

This subject has made all of us think, hasn't it.
72 Jim K4CGY qrp-1 #72

From owner-qrp-1@lehigh.edu Thu May 8 18:04:45 1997
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
Subject: [19255] RE: Subject: [19195] frequency relationships
Message-ID: <35105.owen@piper.eeel.nist.gov>

In message Thu, 08 May 97 08:24:23 -0800, tim_hynde@idecc.com writes:

>
> Jim wrote:
>
> They are correct in that their rigs are designed
>>to do the proper frequency shifts when switching between USB and
> LSB while on CW.
>
>
> How about this, 38 Specials have a fixed TX offset how much luck
> will you have if you call the other station on the WRONG side? Your
> too far away and he wont hear you.
> If he is filtering for the lower side I don't think he'll
> here you, but if he switched to the upper side he would. Did this
> help Jim or just muddy the water :)
>
>
> :) Tim, ka8ddz

>

No Tim this doesn't muddy the water. This is exactly what I was trying to get across and you understood it fine. I hope everyone else does also. The modern commercial rigs are set up to do this properly BUT the simpler rigs (such as the 38S) and some older rigs from the 60's & 70's are not. You have to know your rig and take the necessary action to be sure you are transmitting where the other station will hear you. In the old days (before transceivers) and when we were crystal controlled we tuned the whole band for a call so there was no problem. With today's rigs we assume that we will be called on the frequency where we called. The original question that started this thread was "what is the frequency offset convention". The answer is still the same, MOST rigs are set up to receive the CW using the USB filter (or narrow filter in the USB position) and shift the transmit frequency +750 Hz above the receive frequency. 72/73 Jim K4CGY qrp-l #72

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [19268] Re: Subject: [19195] frequency relationships
Message-ID: <Pine.SUN.3.90.970508083552.17247D-1000000@vortex>

Hi Tim and the gang,

Let me try explaining one part of this.....

When we build our rigs, there is always a procedure to line up all the "things" in it.

One of them is the amount of TX offset and it's direction, either up or down. If this step, (and others), are done right, there will be no problem and the question of who is using which sideband becomes moot.

Let's look at the simple RX's that let you hear both sides of a signal. Remember one of the first things in the operating guide is how to tell if you are on the "right" side. Try using the "wrong" side and most people will not hear you. (In reality, there will always be those who do hear you because they look for off frequency replies).

When using a combination of a RX and TX it becomes very simple to zero beat. And this method is where the term came from if I remember right. Tune the BFO on the RX until it has zero offset. Then tune the station until there is no tone. Now turn on the spot feature of the TX and tune the TX until it too produces no tone from your RX. Now you are zero beat. In other words, both signals are on the same frequency. Now just adjust the BFO on the RX to copy the sig at whatever tone you want.

The modern rigs don't let us zero beat the same way. We have to tune the station until the beat note is the same as the offset. Some radios even have an indicator for this. Another way is to keep adding filters and retuning the station until you have the max sig at the narrowest filter setting you have.

In any case, it winds up being the skill of the operator using his/her own rig to be able to really zero beat another station! And if you think most can do it, just listen to the bands! Everyone being off a bit is not the fault of the rigs!! (Well, maybe with some of our kits we don't get the alignment right and so can never really get a true zero beat!).

Anyway, I hope this helps clear things up.

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [19296] Re: Subject: [19195] frequency relationships
Message-ID: <337204ad.70990528@smtp.usit.net>

On Thu, 08 May 97 11:30:07 -0700, ptaber@microtest.com wrote:

>
>>> I don't think it'll matter.=20
>[...]
>>You're correct in MOST cases. MOST rigs are set up properly that when =
you
>>get a 750 Hz tone then you will be transmitting on the same frequency =
that
>>he is on. But SOME are not. I'm thinking of my Drake C line with =
seperate
>>transmitter and receiver. The transmitter offset is -750 Hz only but =
the
>>receiver allows you to receive on either sideband.=20
>[...]
>>This subject has made all of us think, hasn't it.
>

>So, you're saying that the Drake doesn't have a CW position? All the =
radios I've
>used (that are multi-mode) do, even the ones that have separate =
transmitters and
>receivers. Of course, you can always listen using an SB position, but =
it's not
>meant to operate that way and, in fact, some won't let you key if you're=
not in
>the CW position.=20

To complicate things, the Argo 556/Cubbie radios don't have a mode
switch at all!

>If we partition the problem, then every radio I've ever used is excused =
from
>consideration because you either operate it in the CW position, or it's =
a
>CW-only radio that can't be used improperly.
>
>So to properly use your gear, you have to know the correct setting? And =
it isn't
>placarded on the front panel? In that limited case, I'd agree about =
having to
>worry about the details. But overall, what the topic makes me think is =
"tempest
>in a teapot."

I think it's a matter of knowing one's equipment.

I owned a Kenwood TS-430s which handled the offset on CW for me
automatically, and the digital display indicated the receiver
frequency. So, on Tennessee MARS operation (where frequency is a
demi-god!), to operate on the assigned frequency of 4040 kHz LSB, I
tuned for 4038.5. This was the received frequency of the LSB 4040
kHz transmission. USB would have displayed 4041.5 when I switched
modes.

The TenTec Cubbie (Argo 556) uses the mode offset of the band module
for voice (i.e., LSB for 30m and below, USB for 20m and above). If
someone tells me they will be on 7.043, I tune for 7.043.7 (putting
my LSB sidetone at 7.043. If their carrier frequency is 7.043, then
I know I will find them at 7.042.3 (-700 kHz sidetone).

The question that must be answered (dig out those manuals, folks!)
is whether the radio displays received frequency and shifts the
transmit carrier to provide the offset, or displays the carrier
frequency and shifts the receiver on the offset.

=460r homebrew or kit rigs, the manual has to tell you, as well. For example, the 38 Special pulls up the receive frequency 600Hz. If you measure the frequency on receive, you'll be +600Hz from zero-beat transmit frequency (carrier frequency). The rig uses USB sidetone. (at least that's what the manual says! Is that convention for 30m? I thought it would be LSB on receive).

The convention used to be to always arrange skeds with carrier frequencies, and the other end was to discover their radio's method of handling offset. I don't know if that still holds true or not. But, in any event, if the tone on a double-signal receiver matches the sidetone, you're either zero-beat or opposite side. If you can't reach them, try the other side. In general (at least according to the manual in the Scout/Argo), the signal on the lower side of zero-beat (i.e., no audio=3Dzero-beat) will be the one to use on 30m and below, and the signal on the upper side of zero-beat will be the one to use on 20m and above.

The only question appears to be convention on 30m -- the 38 Special differs from the Ten-Tec, in that the 38 special develops it's audio on the high side of the transmitter, and the TenTec develops audio from the low side of the transmitter. At least, that's what the manuals are telling me.

Perhaps someone has the answer ... I don't, at least not "officially".

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

From owner-qrp-l@lehigh.edu Thu May 8 18:04:45 1997  
From: "Harold Brian Robinson" <robinson@plhp002.comm.mot.com>  
Subject: [19271] Re: THANKS All - What a group!  
Message-ID: <9705081214.ZM19660@plhp190.comm.mot.com>

Be sure and tell us all how well the antennas work!

73 N3GDE Brian Robinson

On May 8, 11:53am, Nick Franco wrote:

> Subject: THANKS All - What a group!

> QRP-Lers,

>

> I put out a request for info on the Bazooka antenna and on how to get a  
> 78L05 regulator to the list. WELL... I have been overwhelmed by  
> everyone's response. I have received the info I need on the Bazooka and  
> on a Double Bazooka. Offers to mail me diagrams and articles. Offers  
> from list members to mail me the actual 78L05 part as well as addresses  
> and phone numbers of suppliers of these parts. I am grateful and very  
> proud to be a member of this fine list. I have been subscribed for  
> around 3 years now (give or take a little, can't remember anymore) and I  
> am always taken back by the help, support and generosity of the  
> membership.

>

> The beauty of a local club is so everyone knows each other and can help  
> each other as needed. The beauty of the internet is that we can have  
> such a club even though we're hundreds of miles apart. I feel as though  
> I know many of you almost personally because of email on and off the  
> list. What a great media - what a great bunch of comrads and  
> comradeses :-) Thanks Chuck for start this group. I've never  
> regretted a second of it.

>

> 72,

> Nick - kf2ph

>

> --

> Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY  
> Sr. Systems Specialist RHIC Project Building 1005  
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> Fax: (516) 344-3674 Ham Call: KF2PH  
> Email: [nickf@bnl.gov](mailto:nickf@bnl.gov) <http://www.rhichome.bnl.gov/People/franco>

>

>-- End of excerpt from Nick Franco